

November 10, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-054
Pace Project No.: 60181730

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mary Jane Walls
maryjane.walls@pacelabs.com
PM Lab Management

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60181730001	T1-054	Water	11/01/14 17:31	11/03/14 13:25
60181730002	TRIP BLANK	Water		11/03/14 13:25

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60181730001	T1-054	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	JML	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
60181730002	TRIP BLANK	EPA 624 Low	EAK	28

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PROJECT NARRATIVE

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Date: November 10, 2014

The samples were received outside of required temperature range. Analysis was completed upon client approval.

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Sample: T1-054	Lab ID: 60181730001	Collected: 11/01/14 17:31	Received: 11/03/14 13:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	6410 ug/L		375	1	11/06/14 17:00	11/07/14 14:45	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:45	7440-36-0	
Arsenic	303 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:45	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/06/14 17:00	11/07/14 14:45	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:45	7440-43-9	
Chromium	113 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:45	7440-47-3	
Cobalt	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:45	7440-48-4	
Copper	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:45	7440-50-8	
Iron	277000 ug/L		250	1	11/06/14 17:00	11/07/14 14:45	7439-89-6	M1
Lead	71.2 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:45	7439-92-1	
Nickel	69.3 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:45	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/06/14 17:00	11/07/14 14:45	7782-49-2	
Silver	ND	ug/L	35.0	1	11/06/14 17:00	11/07/14 14:45	7440-22-4	
Thallium	ND	ug/L	100	1	11/06/14 17:00	11/07/14 14:45	7440-28-0	
Zinc	2470 ug/L		250	1	11/06/14 17:00	11/07/14 14:45	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND	ug/L	375	1	11/06/14 17:00	11/07/14 14:10	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:10	7440-36-0	
Arsenic, Dissolved	184 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:10	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/06/14 17:00	11/07/14 14:10	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:10	7440-43-9	
Chromium, Dissolved	56.4 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:10	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:10	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:10	7440-50-8	
Iron, Dissolved	76400 ug/L		250	1	11/06/14 17:00	11/07/14 14:10	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:10	7439-92-1	
Nickel, Dissolved	39.1 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:10	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/06/14 17:00	11/07/14 14:10	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/06/14 17:00	11/07/14 14:10	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/06/14 17:00	11/07/14 14:10	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/06/14 17:00	11/07/14 14:10	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	18.7 ug/L		6.0	1	11/05/14 09:00	11/05/14 12:15	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	6.0	1	11/06/14 16:05	11/07/14 09:58	7439-97-6	M1
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/04/14 00:00	11/07/14 20:01	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:01	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:01	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:01	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/04/14 00:00	11/07/14 20:01	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/04/14 00:00	11/07/14 20:01		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Sample: T1-054	Lab ID: 60181730001	Collected: 11/01/14 17:31	Received: 11/03/14 13:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:01	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:01	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:01	87-86-5	
Phenol	2770 ug/L		500	1	11/04/14 00:00	11/07/14 20:01	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:01	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96 %		33-120	1	11/04/14 00:00	11/07/14 20:01	4165-60-0	
2-Fluorobiphenyl (S)	88 %		39-120	1	11/04/14 00:00	11/07/14 20:01	321-60-8	
Terphenyl-d14 (S)	100 %		45-120	1	11/04/14 00:00	11/07/14 20:01	1718-51-0	
Phenol-d6 (S)	34 %		11-120	1	11/04/14 00:00	11/07/14 20:01	13127-88-3	
2-Fluorophenol (S)	48 %		17-120	1	11/04/14 00:00	11/07/14 20:01	367-12-4	
2,4,6-Tribromophenol (S)	97 %		39-120	1	11/04/14 00:00	11/07/14 20:01	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	33000 ug/L		1000	100		11/06/14 16:54	67-64-1	N2
Benzene	ND ug/L		100	100		11/06/14 16:54	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/06/14 16:54	75-27-4	
Bromoform	ND ug/L		100	100		11/06/14 16:54	75-25-2	
Bromomethane	ND ug/L		500	100		11/06/14 16:54	74-83-9	
2-Butanone (MEK)	12900 ug/L		1000	100		11/06/14 16:54	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/06/14 16:54	56-23-5	
Chloroethane	ND ug/L		100	100		11/06/14 16:54	75-00-3	
Chloroform	ND ug/L		100	100		11/06/14 16:54	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/06/14 16:54	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/06/14 16:54	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 16:54	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 16:54	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/06/14 16:54	100-41-4	
Methylene chloride	266 ug/L		100	100		11/06/14 16:54	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/06/14 16:54	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/06/14 16:54	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/06/14 16:54	127-18-4	
Toluene	ND ug/L		100	100		11/06/14 16:54	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/06/14 16:54	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/06/14 16:54	79-00-5	
Trichloroethene	ND ug/L		100	100		11/06/14 16:54	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/06/14 16:54	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/06/14 16:54	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	100		11/06/14 16:54	460-00-4	
Toluene-d8 (S)	100 %		80-120	100		11/06/14 16:54	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	100		11/06/14 16:54	17060-07-0	
Preservation pH	6.0		1.0	100		11/06/14 16:54		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	260 mg/L		5.0	1		11/04/14 08:13		M1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Sample: T1-054		Lab ID: 60181730001	Collected: 11/01/14 17:31	Received: 11/03/14 13:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	6.0	mg/L	5.0	1		11/04/14 08:19		M1
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	2880	mg/L	5.0	1		11/05/14 08:31		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/04/14 14:30		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	5980	mg/L	2.0	1	11/03/14 17:21	11/08/14 12:06		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	114	mg/L	5.0	50		11/06/14 13:13	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	16700	mg/L	2500	250		11/05/14 06:32		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Sample: TRIP BLANK		Lab ID: 60181730002	Collected:	Received: 11/03/14 13:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/10/14 14:01	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/10/14 14:01	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/10/14 14:01	75-27-4	
Bromoform	ND ug/L		1.0	1		11/10/14 14:01	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/10/14 14:01	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/10/14 14:01	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/10/14 14:01	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/10/14 14:01	75-00-3	
Chloroform	ND ug/L		1.0	1		11/10/14 14:01	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/10/14 14:01	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/10/14 14:01	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 14:01	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 14:01	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/10/14 14:01	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/10/14 14:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/10/14 14:01	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/10/14 14:01	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/10/14 14:01	127-18-4	
Toluene	ND ug/L		1.0	1		11/10/14 14:01	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/10/14 14:01	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/10/14 14:01	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/10/14 14:01	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/10/14 14:01	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/10/14 14:01	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		11/10/14 14:01	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/10/14 14:01	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		11/10/14 14:01	17060-07-0	
Preservation pH	6.0		1.0	1		11/10/14 14:01		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: MERP/9006

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60181730001

METHOD BLANK: 1472904

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/05/14 12:09	

LABORATORY CONTROL SAMPLE: 1472905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1472906 1472907

Parameter	Units	60181730001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Mercury	ug/L	18.7	150	150	112	136	62	78	70-130	19	20	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	MERP/9017	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60181730001		

METHOD BLANK: 1474299 Matrix: Water
Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/07/14 09:53	

LABORATORY CONTROL SAMPLE: 1474300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474301 1474302

Parameter	Units	60181730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	89.1	81.6	59	54	70-130	9	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: MPRP/29681

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60181730001

METHOD BLANK: 1474508

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/07/14 14:35	
Antimony	ug/L	ND	10.0	11/07/14 14:35	
Arsenic	ug/L	ND	10.0	11/07/14 14:35	
Beryllium	ug/L	ND	1.0	11/07/14 14:35	
Cadmium	ug/L	ND	5.0	11/07/14 14:35	
Chromium	ug/L	ND	5.0	11/07/14 14:35	
Cobalt	ug/L	ND	5.0	11/07/14 14:35	
Copper	ug/L	ND	10.0	11/07/14 14:35	
Iron	ug/L	ND	50.0	11/07/14 14:35	
Lead	ug/L	ND	5.0	11/07/14 14:35	
Nickel	ug/L	ND	5.0	11/07/14 14:35	
Selenium	ug/L	ND	15.0	11/07/14 14:35	
Silver	ug/L	ND	7.0	11/07/14 14:35	
Thallium	ug/L	ND	20.0	11/07/14 14:35	
Zinc	ug/L	ND	50.0	11/07/14 14:35	

LABORATORY CONTROL SAMPLE: 1474509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	981	98	85-115	
Arsenic	ug/L	1000	933	93	85-115	
Beryllium	ug/L	1000	1020	102	85-115	
Cadmium	ug/L	1000	975	97	85-115	
Chromium	ug/L	1000	975	98	85-115	
Cobalt	ug/L	1000	999	100	85-115	
Copper	ug/L	1000	985	99	85-115	
Iron	ug/L	10000	9840	98	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	972	97	85-115	
Silver	ug/L	500	523	105	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	995	99	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474510			1474511								
Parameter	Units	60181730001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Aluminum	ug/L	6410	50000	50000	59600	60800	106	109	70-130	2	20
Antimony	ug/L	ND	5000	5000	4960	4960	99	99	70-130	0	20
Arsenic	ug/L	303	5000	5000	5230	5240	99	99	70-130	0	20
Beryllium	ug/L	ND	5000	5000	4970	4990	99	100	70-130	0	20
Cadmium	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20
Chromium	ug/L	113	5000	5000	4950	4950	97	97	70-130	0	20
Cobalt	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20
Copper	ug/L	ND	5000	5000	4910	4910	97	97	70-130	0	20
Iron	ug/L	277000	50000	50000	338000	352000	122	151	70-130	4	20 M1
Lead	ug/L	71.2	5000	5000	4950	4940	98	97	70-130	0	20
Nickel	ug/L	69.3	5000	5000	4930	4920	97	97	70-130	0	20
Selenium	ug/L	ND	5000	5000	5090	5140	101	102	70-130	1	20
Silver	ug/L	ND	2500	2500	2710	2720	108	108	70-130	0	20
Thallium	ug/L	ND	5000	5000	4470	4440	89	89	70-130	1	20
Zinc	ug/L	2470	5000	5000	7180	7240	94	95	70-130	1	20

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: MPRP/29683

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60181730001

METHOD BLANK: 1474523

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/07/14 14:03	
Antimony, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Arsenic, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Beryllium, Dissolved	ug/L	ND	1.0	11/07/14 14:03	
Cadmium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Chromium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Cobalt, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Copper, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Iron, Dissolved	ug/L	ND	50.0	11/07/14 14:03	
Lead, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Nickel, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Selenium, Dissolved	ug/L	ND	15.0	11/07/14 14:03	
Silver, Dissolved	ug/L	ND	7.0	11/07/14 14:03	
Thallium, Dissolved	ug/L	ND	20.0	11/07/14 14:03	
Zinc, Dissolved	ug/L	ND	50.0	11/07/14 14:03	

LABORATORY CONTROL SAMPLE: 1474524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	964	96	85-115	
Arsenic, Dissolved	ug/L	1000	939	94	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	961	96	85-115	
Chromium, Dissolved	ug/L	1000	969	97	85-115	
Cobalt, Dissolved	ug/L	1000	979	98	85-115	
Copper, Dissolved	ug/L	1000	953	95	85-115	
Iron, Dissolved	ug/L	10000	9680	97	85-115	
Lead, Dissolved	ug/L	1000	1020	102	85-115	
Nickel, Dissolved	ug/L	1000	1000	100	85-115	
Selenium, Dissolved	ug/L	1000	979	98	85-115	
Silver, Dissolved	ug/L	500	505	101	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Parameter	Units	1474525		1474526		MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max RPD	Qual
		60181835001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Aluminum, Dissolved	ug/L	385	50000	50000	49400	50600	98	100	70-130	2	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5020	4980	100	99	70-130	1	20	
Arsenic, Dissolved	ug/L	211	5000	5000	5180	5030	99	96	70-130	3	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	5060	99	101	70-130	2	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20	
Chromium, Dissolved	ug/L	59.1	5000	5000	4890	4910	97	97	70-130	0	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4870	4900	97	98	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	4810	4910	96	98	70-130	2	20	
Iron, Dissolved	ug/L	101000	50000	50000	156000	135000	109	68	70-130	14	20	M1
Lead, Dissolved	ug/L	ND	5000	5000	4970	5040	99	101	70-130	1	20	
Nickel, Dissolved	ug/L	36.9	5000	5000	4980	4990	99	99	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5050	104	101	70-130	3	20	
Silver, Dissolved	ug/L	ND	2500	2500	2620	2660	105	106	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4680	92	94	70-130	2	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5140	5060	98	96	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: MSV/65575 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60181730001

METHOD BLANK: 1473963

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/06/14 15:24	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,2-Dichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/06/14 15:24	
2-Butanone (MEK)	ug/L	ND	10.0	11/06/14 15:24	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/06/14 15:24	N2
Acetone	ug/L	ND	10.0	11/06/14 15:24	N2
Benzene	ug/L	ND	1.0	11/06/14 15:24	
Bromodichloromethane	ug/L	ND	1.0	11/06/14 15:24	
Bromoform	ug/L	ND	1.0	11/06/14 15:24	
Bromomethane	ug/L	ND	5.0	11/06/14 15:24	
Carbon tetrachloride	ug/L	ND	1.0	11/06/14 15:24	
Chloroethane	ug/L	ND	1.0	11/06/14 15:24	
Chloroform	ug/L	ND	1.0	11/06/14 15:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	N2
Ethylbenzene	ug/L	ND	1.0	11/06/14 15:24	
Methylene chloride	ug/L	2.2	1.0	11/06/14 15:24	
Tetrachloroethene	ug/L	ND	1.0	11/06/14 15:24	
Toluene	ug/L	ND	1.0	11/06/14 15:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Trichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Vinyl chloride	ug/L	ND	1.0	11/06/14 15:24	
Xylene (Total)	ug/L	ND	3.0	11/06/14 15:24	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/06/14 15:24	
4-Bromofluorobenzene (S)	%	101	80-120	11/06/14 15:24	
Toluene-d8 (S)	%	100	80-120	11/06/14 15:24	

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	100	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.0	100	67-124	
1,2-Dichloroethane	ug/L	20	19.9	100	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	94	74-120	
2-Butanone (MEK)	ug/L	100	90.5	91	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	82.8	83	38-134	N2
Benzene	ug/L	20	18.9	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	18.3	92	65-127	
Bromomethane	ug/L	20	20.5	103	13-157	
Carbon tetrachloride	ug/L	20	19.2	96	70-131	
Chloroethane	ug/L	20	18.3	92	47-133	
Chloroform	ug/L	20	18.6	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	68-127	N2
Ethylbenzene	ug/L	20	18.7	94	74-122	
Methylene chloride	ug/L	20	17.7	88	64-129	
Tetrachloroethene	ug/L	20	18.4	92	73-125	
Toluene	ug/L	20	19.0	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.9	89	66-129	
Trichloroethene	ug/L	20	19.2	96	71-123	
Vinyl chloride	ug/L	20	20.1	100	43-129	
Xylene (Total)	ug/L	60	58.6	98	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1473965

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	100	107	107	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	139	139	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	100	113	113	52-143	
1,2-Dichloroethane	ug/L	ND	100	105	105	49-144	
1,4-Dichlorobenzene	ug/L	8.7	100	109	101	33-140	
2-Butanone (MEK)	ug/L	ND	500	641	124	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	630	125	40-160	N2
Acetone	ug/L	52.1	500	643	118	10-160	N2
Benzene	ug/L	ND	100	101	100	37-151	
Bromodichloromethane	ug/L	ND	100	102	102	35-142	
Bromoform	ug/L	ND	100	111	111	45-142	
Bromomethane	ug/L	ND	100	109	109	10-158	
Carbon tetrachloride	ug/L	ND	100	109	109	70-140	
Chloroethane	ug/L	ND	100	95.6	96	19-152	
Chloroform	ug/L	ND	100	97.7	98	51-138	
cis-1,2-Dichloroethene	ug/L	ND	100	106	106	34-147	N2
Ethylbenzene	ug/L	ND	100	97.0	97	40-142	
Methylene chloride	ug/L	19.4	100	107	88	31-144	
Tetrachloroethene	ug/L	ND	100	106	106	64-148	
Toluene	ug/L	ND	100	101	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	100	106	106	54-151	
Trichloroethene	ug/L	ND	100	101	101	71-149	
Vinyl chloride	ug/L	ND	100	115	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

MATRIX SPIKE SAMPLE:		1473965					
Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	300	309	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				109	80-120	
4-Bromofluorobenzene (S)	%				106	80-120	F1
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	MSV/65649	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60181730002		

METHOD BLANK: 1476181 Matrix: Water

Associated Lab Samples: 60181730002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 13:19	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 13:19	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 13:19	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 13:19	N2
Acetone	ug/L	ND	10.0	11/10/14 13:19	N2
Benzene	ug/L	ND	1.0	11/10/14 13:19	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 13:19	
Bromoform	ug/L	ND	1.0	11/10/14 13:19	
Bromomethane	ug/L	ND	5.0	11/10/14 13:19	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 13:19	
Chloroethane	ug/L	ND	1.0	11/10/14 13:19	
Chloroform	ug/L	ND	1.0	11/10/14 13:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 13:19	
Methylene chloride	ug/L	ND	1.0	11/10/14 13:19	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 13:19	
Toluene	ug/L	ND	1.0	11/10/14 13:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Trichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Vinyl chloride	ug/L	ND	1.0	11/10/14 13:19	
Xylene (Total)	ug/L	ND	3.0	11/10/14 13:19	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	11/10/14 13:19	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 13:19	
Toluene-d8 (S)	%	101	80-120	11/10/14 13:19	

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.9	99	67-124	
1,2-Dichloroethane	ug/L	20	19.6	98	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.8	90	59-131	N2
Acetone	ug/L	100	89.7	90	38-134	N2
Benzene	ug/L	20	19.8	99	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.4	97	68-125	
Bromoform	ug/L	20	19.7	99	65-127	
Bromomethane	ug/L	20	21.1	105	13-157	
Carbon tetrachloride	ug/L	20	18.9	94	70-131	
Chloroethane	ug/L	20	22.2	111	47-133	
Chloroform	ug/L	20	19.1	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	68-127	N2
Ethylbenzene	ug/L	20	20.1	101	74-122	
Methylene chloride	ug/L	20	19.7	98	64-129	
Tetrachloroethene	ug/L	20	20.2	101	73-125	
Toluene	ug/L	20	19.7	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	19.6	98	71-123	
Vinyl chloride	ug/L	20	22.6	113	43-129	
Xylene (Total)	ug/L	60	60.5	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	OEXT/46962	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60181730001		

METHOD BLANK: 1472346 Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/05/14 18:22	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/05/14 18:22	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/05/14 18:22	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/05/14 18:22	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/05/14 18:22	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/05/14 18:22	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/05/14 18:22	
Hexachloroethane	ug/L	ND	5.0	11/05/14 18:22	
Naphthalene	ug/L	ND	5.0	11/05/14 18:22	
Nitrobenzene	ug/L	ND	5.0	11/05/14 18:22	
Pentachlorophenol	ug/L	ND	5.0	11/05/14 18:22	
Phenol	ug/L	ND	5.0	11/05/14 18:22	
2,4,6-Tribromophenol (S)	%	83	39-120	11/05/14 18:22	
2-Fluorobiphenyl (S)	%	85	39-120	11/05/14 18:22	
2-Fluorophenol (S)	%	50	17-120	11/05/14 18:22	
Nitrobenzene-d5 (S)	%	86	33-120	11/05/14 18:22	
Phenol-d6 (S)	%	32	11-120	11/05/14 18:22	
Terphenyl-d14 (S)	%	91	45-120	11/05/14 18:22	

LABORATORY CONTROL SAMPLE: 1472347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.8	86	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.3	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	40.3	81	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.0	74	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.4	109	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.5	81	44-116	
Hexachlorocyclopentadiene	ug/L	100	36.7	37	24-120	
Hexachloroethane	ug/L	50	39.8	80	43-113	
Naphthalene	ug/L	50	41.6	83	48-120	
Nitrobenzene	ug/L	50	43.2	86	48-120	
Pentachlorophenol	ug/L	50	51.5	103	47-120	
Phenol	ug/L	50	19.3	39	16-112	
2,4,6-Tribromophenol (S)	%			98	39-120	
2-Fluorobiphenyl (S)	%			91	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			94	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

MATRIX SPIKE SAMPLE:		1472348					
Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	35.6	71	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	40.5	81	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	39.5	79	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	33.2	66	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	60.6	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	32.9	66	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	36.4	36	11-120	
Hexachloroethane	ug/L	ND	50	33.5	67	40-113	
Naphthalene	ug/L	ND	50	34.9	67	45-120	
Nitrobenzene	ug/L	ND	50	41.2	82	38-120	
Pentachlorophenol	ug/L	ND	50	31.4	63	43-135	
Phenol	ug/L	ND	50	17.2	34	13-112	
2,4,6-Tribromophenol (S)	%				81	39-120	
2-Fluorobiphenyl (S)	%				73	39-120	
2-Fluorophenol (S)	%				46	17-120	
Nitrobenzene-d5 (S)	%				96	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				89	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	WET/51338	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60181730001		

METHOD BLANK: 1472397 Matrix: Water
Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/04/14 08:12	

LABORATORY CONTROL SAMPLE: 1472398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.8	102	78-114	

MATRIX SPIKE SAMPLE: 1472399

Parameter	Units	60181730001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	260	154	304	29	78-114	M1

MATRIX SPIKE SAMPLE: 1472401

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	44.3	102	78-114	

SAMPLE DUPLICATE: 1472400

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	214	209	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	WET/51339	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60181730001		

METHOD BLANK: 1472407 Matrix: Water
Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/04/14 08:18	

LABORATORY CONTROL SAMPLE: 1472408

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	24.7	124	64-132	

MATRIX SPIKE SAMPLE: 1472409

Parameter	Units	60181730001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	6.0	76.9	22.3	21	64-132	M1

SAMPLE DUPLICATE: 1472410

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	4.4J		34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch:	WET/51362	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60181730001		

METHOD BLANK: 1473002 Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/05/14 08:26	

SAMPLE DUPLICATE: 1473003

Parameter	Units	60181766001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	227	178	24	10	D6

SAMPLE DUPLICATE: 1473004

Parameter	Units	60181667001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	3080	3260	6	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: WET/51348 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60181730001

SAMPLE DUPLICATE: 1472689

Parameter	Units	60181382002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: WET/51331

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60181730001

METHOD BLANK: 1472263

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/08/14 11:44	

LABORATORY CONTROL SAMPLE: 1472264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1472265

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	7530	8170	8	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: WETA/31691

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60181730001

METHOD BLANK: 1473868

Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/06/14 12:44	

LABORATORY CONTROL SAMPLE: 1473869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1473870

Parameter	Units	60181540002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.8	91	90-110	

MATRIX SPIKE SAMPLE: 1473871

Parameter	Units	60181549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.9	95	90-110	

SAMPLE DUPLICATE: 1473872

Parameter	Units	60181592002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	79.0	77.8	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

QC Batch: WETA/31658 Analysis Method: EPA 410.4
 QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
 Associated Lab Samples: 60181730001

METHOD BLANK: 1472430 Matrix: Water

Associated Lab Samples: 60181730001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/05/14 06:24	

LABORATORY CONTROL SAMPLE: 1472431

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	53.8	108	90-110	

MATRIX SPIKE SAMPLE: 1472432

Parameter	Units	60181094002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	55.7	50	98.9	86	90-110	M1

MATRIX SPIKE SAMPLE: 1472434

Parameter	Units	60181444001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2080	1250	3140	85	90-110	M1

SAMPLE DUPLICATE: 1472433

Parameter	Units	60181353001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	6770	7000	3	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

C9 Common Laboratory Contaminant.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

F1 The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-054

Pace Project No.: 60181730

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60181730001	T1-054	EPA 200.7	MPRP/29681	EPA 200.7	ICP/22248
60181730001	T1-054	EPA 200.7	MPRP/29683	EPA 200.7	ICP/22246
60181730001	T1-054	EPA 245.1	MERP/9006	EPA 245.1	MERC/8959
60181730001	T1-054	EPA 245.1	MERP/9017	EPA 245.1	MERC/8967
60181730001	T1-054	EPA 625	OEXT/46962	EPA 625	MSSV/15123
60181730001	T1-054	EPA 624 Low	MSV/65575		
60181730002	TRIP BLANK	EPA 624 Low	MSV/65649		
60181730001	T1-054	EPA 1664A	WET/51338		
60181730001	T1-054	EPA 1664A	WET/51339		
60181730001	T1-054	SM 2540D	WET/51362		
60181730001	T1-054	SM 4500-H+B	WET/51348		
60181730001	T1-054	SM 5210B	WET/51331	SM 5210B	WET/51431
60181730001	T1-054	EPA 350.1	WETA/31691		
60181730001	T1-054	EPA 410.4	WETA/31658		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60181730
60181730

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2 PIC

Thermometer Used: T-238 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 8.6 9.6 9.2

Optional
Proj Due Date:
Proj Name:

Temperature should be above freezing to 6°C per 11/3/14

Date and initials of person examining contents: pu 11/3/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>Samples received on ice but</u>
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>was not in temp range.</u>
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Includes date/time/ID/analyses Matrix: <u>LIT</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 25 mL of H₂O to BP2N. 6.0/2.5</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 1.0 mL of H₂SO₄ to BP3S. 6.0/2.0</u>
Exceptions: <u>VOA</u> coliform, TOC, <u>O&G</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>pu</u> Lot # of added preservative <u>12513 12707</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: TEMP > 6°C COMMENT. ADDED AS REPORTABLE

Project Manager Review: [Signature]

Date: 11/4/14



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A**Required Client Information:**

Company: BARR ENGINEERING
 Address: _____
 Email To: _____
 Phone: (816) 285-8410 Fax _____
 Requested Due Date/TAT: 10 Day (Default)

Section B**Required Project Information:**

Report To: ED GALBRAITH/BARR
 Copy To: SCOTT FEDAK/FEEZOR
 DANA BAKER/MARGARET TREANOR -BARR
 Purchase Order No. _____
 Client Project ID: BRIDGETON LF
 Container Order Number: _____

Section C**Invoice Information:**

Attention: AMY HARGROVE/BRIAN POWER
 Company Name: REPUBLIC SERVICES
 Address: BRIDGETON, MO 63044
 Pace Quote Reference: 130426 7588
 Pace Project Manager: Brown, Angie
 Pace Profile #: 7585 LINE 2

Regulatory Agency _____
 State / Location _____
 Missouri

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)		
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	Analyses Test	Y/N	COD EPA 410	PH SM 4500H+B	LF DIS METALS 200.7/245	TOTAL METALS 200.7/245	AMMONIA EPA 350	O/G EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	TPH/HEM-SGT 1664	BOD SM 5210B			
						DATE	TIME	DATE	TIME																										
1	2Abum T1-054 1BPSu 3A63S	OT	G			11/1/14	1731			15	10	4	1	0	1BPSu 20			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	11/3/14	N ² -528P2u 5D/96u
2	TRIP BLANK									2	2																								2D/96u
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

METALS LIST total & LF Dis:
 Al, Sb, As, Be, Cd, Cr,
 Co, Cu, Fe, Pb, Ni, Se, Ag, Ti, Zn
 and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	Stacy Valer FEI	11-3-14	9:25	D.J.M. 7/14 P. M. 5/5	11-3-14	1325	7 7 7
SITE ADDRESS: BRIDGETON LF							
13570 ST CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	WILLIAM ABERNATHY					
SIGNATURE of SAMPLER:		DATE Signed: 11/1/14				

November 10, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-055
Pace Project No.: 60181731

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mary Jane Walls
maryjane.walls@pacelabs.com
PM Lab Management

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60181731001	T1-055	Water	11/02/14 08:30	11/03/14 13:25
60181731002	TRIP BLANK	Water		11/03/14 13:25

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60181731001	T1-055	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	JML	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
60181731002	TRIP BLANK	EPA 624 Low	EAK	28

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Date: November 10, 2014

The samples were received outside of required temperature range. Analysis was completed upon client approval.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Sample: T1-055	Lab ID: 60181731001	Collected: 11/02/14 08:30	Received: 11/03/14 13:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	6800 ug/L		375	1	11/06/14 17:00	11/07/14 14:56	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:56	7440-36-0	
Arsenic	385 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:56	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/06/14 17:00	11/07/14 14:56	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:56	7440-43-9	
Chromium	134 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:56	7440-47-3	
Cobalt	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:56	7440-48-4	
Copper	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:56	7440-50-8	
Iron	353000 ug/L		250	1	11/06/14 17:00	11/07/14 14:56	7439-89-6	
Lead	76.5 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:56	7439-92-1	
Nickel	76.7 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:56	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/06/14 17:00	11/07/14 14:56	7782-49-2	
Silver	ND	ug/L	35.0	1	11/06/14 17:00	11/07/14 14:56	7440-22-4	
Thallium	ND	ug/L	100	1	11/06/14 17:00	11/07/14 14:56	7440-28-0	
Zinc	3240 ug/L		250	1	11/06/14 17:00	11/07/14 14:56	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND	ug/L	375	1	11/06/14 17:00	11/07/14 14:13	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:13	7440-36-0	
Arsenic, Dissolved	200 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:13	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/06/14 17:00	11/07/14 14:13	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:13	7440-43-9	
Chromium, Dissolved	55.0 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:13	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/06/14 17:00	11/07/14 14:13	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/06/14 17:00	11/07/14 14:13	7440-50-8	
Iron, Dissolved	69400 ug/L		250	1	11/06/14 17:00	11/07/14 14:13	7439-89-6	
Lead, Dissolved	40.2 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:13	7439-92-1	
Nickel, Dissolved	40.1 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:13	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/06/14 17:00	11/07/14 14:13	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/06/14 17:00	11/07/14 14:13	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/06/14 17:00	11/07/14 14:13	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/06/14 17:00	11/07/14 14:13	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	21.6 ug/L		6.0	1	11/05/14 09:00	11/05/14 12:22	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	6.0	1	11/06/14 16:05	11/07/14 10:04	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/04/14 00:00	11/07/14 20:22	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:22	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:22	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/04/14 00:00	11/07/14 20:22	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/04/14 00:00	11/07/14 20:22	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/04/14 00:00	11/07/14 20:22		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Sample: T1-055	Lab ID: 60181731001	Collected: 11/02/14 08:30	Received: 11/03/14 13:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:22	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:22	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:22	87-86-5	
Phenol	2250 ug/L		500	1	11/04/14 00:00	11/07/14 20:22	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:22	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/04/14 00:00	11/07/14 20:22	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86 %		33-120	1	11/04/14 00:00	11/07/14 20:22	4165-60-0	
2-Fluorobiphenyl (S)	81 %		39-120	1	11/04/14 00:00	11/07/14 20:22	321-60-8	
Terphenyl-d14 (S)	94 %		45-120	1	11/04/14 00:00	11/07/14 20:22	1718-51-0	
Phenol-d6 (S)	30 %		11-120	1	11/04/14 00:00	11/07/14 20:22	13127-88-3	
2-Fluorophenol (S)	44 %		17-120	1	11/04/14 00:00	11/07/14 20:22	367-12-4	
2,4,6-Tribromophenol (S)	89 %		39-120	1	11/04/14 00:00	11/07/14 20:22	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	44700 ug/L		1000	100		11/06/14 17:08	67-64-1	N2
Benzene	ND ug/L		100	100		11/06/14 17:08	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/06/14 17:08	75-27-4	
Bromoform	ND ug/L		100	100		11/06/14 17:08	75-25-2	
Bromomethane	ND ug/L		500	100		11/06/14 17:08	74-83-9	
2-Butanone (MEK)	17700 ug/L		1000	100		11/06/14 17:08	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/06/14 17:08	56-23-5	
Chloroethane	ND ug/L		100	100		11/06/14 17:08	75-00-3	
Chloroform	ND ug/L		100	100		11/06/14 17:08	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/06/14 17:08	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/06/14 17:08	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:08	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:08	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/06/14 17:08	100-41-4	
Methylene chloride	261 ug/L		100	100		11/06/14 17:08	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/06/14 17:08	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/06/14 17:08	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/06/14 17:08	127-18-4	
Toluene	ND ug/L		100	100		11/06/14 17:08	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/06/14 17:08	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/06/14 17:08	79-00-5	
Trichloroethene	ND ug/L		100	100		11/06/14 17:08	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/06/14 17:08	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/06/14 17:08	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	100		11/06/14 17:08	460-00-4	
Toluene-d8 (S)	101 %		80-120	100		11/06/14 17:08	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/06/14 17:08	17060-07-0	
Preservation pH	6.0		1.0	100		11/06/14 17:08		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	214 mg/L		5.0	1		11/04/14 08:13		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Sample: T1-055		Lab ID: 60181731001	Collected: 11/02/14 08:30	Received: 11/03/14 13:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	5.0	1		11/04/14 08:19		
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	3260	mg/L	5.0	1		11/05/14 08:31		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/04/14 14:30		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	7530	mg/L	2.0	1	11/03/14 17:24	11/08/14 12:21		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	120	mg/L	5.0	50		11/06/14 13:14	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	17900	mg/L	2500	250		11/05/14 06:32		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Sample: TRIP BLANK		Lab ID: 60181731002	Collected:	Received: 11/03/14 13:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND	ug/L	10.0	1		11/10/14 14:16	67-64-1	N2
Benzene	ND	ug/L	1.0	1		11/10/14 14:16	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		11/10/14 14:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/10/14 14:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/10/14 14:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/10/14 14:16	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		11/10/14 14:16	56-23-5	
Chloroethane	ND	ug/L	1.0	1		11/10/14 14:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/10/14 14:16	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/10/14 14:16	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/10/14 14:16	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/10/14 14:16	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/10/14 14:16	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		11/10/14 14:16	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		11/10/14 14:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/10/14 14:16	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/10/14 14:16	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		11/10/14 14:16	127-18-4	
Toluene	ND	ug/L	1.0	1		11/10/14 14:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/10/14 14:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/10/14 14:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/10/14 14:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/10/14 14:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/10/14 14:16	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/10/14 14:16	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/10/14 14:16	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	1		11/10/14 14:16	17060-07-0	
Preservation pH	6.0		1.0	1		11/10/14 14:16		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: MERP/9006	Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1	Analysis Description: 245.1 Mercury
Associated Lab Samples: 60181731001	

METHOD BLANK: 1472904 Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/05/14 12:09	

LABORATORY CONTROL SAMPLE: 1472905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1472906 1472907

Parameter	Units	60181730001		MSD		MS		MSD		% Rec Limits	Max	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec	RPD		RPD	Qual
Mercury	ug/L	18.7	150	150	112	136	62	78	70-130	19	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: MERP/9017

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60181731001

METHOD BLANK: 1474299

Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/07/14 09:53	

LABORATORY CONTROL SAMPLE: 1474300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474301 1474302

Parameter	Units	60181730001		MSD		MS		MSD		% Rec Limits	Max	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec	RPD		RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	89.1	81.6	59	54	70-130	9	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	MPRP/29681	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60181731001		

METHOD BLANK: 1474508 Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/07/14 14:35	
Antimony	ug/L	ND	10.0	11/07/14 14:35	
Arsenic	ug/L	ND	10.0	11/07/14 14:35	
Beryllium	ug/L	ND	1.0	11/07/14 14:35	
Cadmium	ug/L	ND	5.0	11/07/14 14:35	
Chromium	ug/L	ND	5.0	11/07/14 14:35	
Cobalt	ug/L	ND	5.0	11/07/14 14:35	
Copper	ug/L	ND	10.0	11/07/14 14:35	
Iron	ug/L	ND	50.0	11/07/14 14:35	
Lead	ug/L	ND	5.0	11/07/14 14:35	
Nickel	ug/L	ND	5.0	11/07/14 14:35	
Selenium	ug/L	ND	15.0	11/07/14 14:35	
Silver	ug/L	ND	7.0	11/07/14 14:35	
Thallium	ug/L	ND	20.0	11/07/14 14:35	
Zinc	ug/L	ND	50.0	11/07/14 14:35	

LABORATORY CONTROL SAMPLE: 1474509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	981	98	85-115	
Arsenic	ug/L	1000	933	93	85-115	
Beryllium	ug/L	1000	1020	102	85-115	
Cadmium	ug/L	1000	975	97	85-115	
Chromium	ug/L	1000	975	98	85-115	
Cobalt	ug/L	1000	999	100	85-115	
Copper	ug/L	1000	985	99	85-115	
Iron	ug/L	10000	9840	98	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	972	97	85-115	
Silver	ug/L	500	523	105	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	995	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474510												1474511	
Parameter	Units	60181730001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual	
			Spike Conc.	Spike Conc.									
Aluminum	ug/L	6410	50000	50000	59600	60800	106	109	70-130	2	20		
Antimony	ug/L	ND	5000	5000	4960	4960	99	99	70-130	0	20		
Arsenic	ug/L	303	5000	5000	5230	5240	99	99	70-130	0	20		
Beryllium	ug/L	ND	5000	5000	4970	4990	99	100	70-130	0	20		
Cadmium	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20		
Chromium	ug/L	113	5000	5000	4950	4950	97	97	70-130	0	20		
Cobalt	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20		
Copper	ug/L	ND	5000	5000	4910	4910	97	97	70-130	0	20		
Iron	ug/L	277000	50000	50000	338000	352000	122	151	70-130	4	20	M1	
Lead	ug/L	71.2	5000	5000	4950	4940	98	97	70-130	0	20		
Nickel	ug/L	69.3	5000	5000	4930	4920	97	97	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5090	5140	101	102	70-130	1	20		
Silver	ug/L	ND	2500	2500	2710	2720	108	108	70-130	0	20		
Thallium	ug/L	ND	5000	5000	4470	4440	89	89	70-130	1	20		
Zinc	ug/L	2470	5000	5000	7180	7240	94	95	70-130	1	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: MPRP/29683

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60181731001

METHOD BLANK: 1474523

Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/07/14 14:03	
Antimony, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Arsenic, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Beryllium, Dissolved	ug/L	ND	1.0	11/07/14 14:03	
Cadmium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Chromium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Cobalt, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Copper, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Iron, Dissolved	ug/L	ND	50.0	11/07/14 14:03	
Lead, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Nickel, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Selenium, Dissolved	ug/L	ND	15.0	11/07/14 14:03	
Silver, Dissolved	ug/L	ND	7.0	11/07/14 14:03	
Thallium, Dissolved	ug/L	ND	20.0	11/07/14 14:03	
Zinc, Dissolved	ug/L	ND	50.0	11/07/14 14:03	

LABORATORY CONTROL SAMPLE: 1474524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	964	96	85-115	
Arsenic, Dissolved	ug/L	1000	939	94	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	961	96	85-115	
Chromium, Dissolved	ug/L	1000	969	97	85-115	
Cobalt, Dissolved	ug/L	1000	979	98	85-115	
Copper, Dissolved	ug/L	1000	953	95	85-115	
Iron, Dissolved	ug/L	10000	9680	97	85-115	
Lead, Dissolved	ug/L	1000	1020	102	85-115	
Nickel, Dissolved	ug/L	1000	1000	100	85-115	
Selenium, Dissolved	ug/L	1000	979	98	85-115	
Silver, Dissolved	ug/L	500	505	101	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Parameter	Units	1474525		1474526		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		60181835001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Aluminum, Dissolved	ug/L	385	50000	50000	49400	50600	98	100	70-130	2	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5020	4980	100	99	70-130	1	20	
Arsenic, Dissolved	ug/L	211	5000	5000	5180	5030	99	96	70-130	3	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	5060	99	101	70-130	2	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20	
Chromium, Dissolved	ug/L	59.1	5000	5000	4890	4910	97	97	70-130	0	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4870	4900	97	98	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	4810	4910	96	98	70-130	2	20	
Iron, Dissolved	ug/L	101000	50000	50000	156000	135000	109	68	70-130	14	20	M1
Lead, Dissolved	ug/L	ND	5000	5000	4970	5040	99	101	70-130	1	20	
Nickel, Dissolved	ug/L	36.9	5000	5000	4980	4990	99	99	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5050	104	101	70-130	3	20	
Silver, Dissolved	ug/L	ND	2500	2500	2620	2660	105	106	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4680	92	94	70-130	2	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5140	5060	98	96	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055
Pace Project No.: 60181731

QC Batch: MSV/65575 Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low Analysis Description: 624 MSV
Associated Lab Samples: 60181731001

METHOD BLANK: 1473963 Matrix: Water
Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/06/14 15:24	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,2-Dichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/06/14 15:24	
2-Butanone (MEK)	ug/L	ND	10.0	11/06/14 15:24	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/06/14 15:24	N2
Acetone	ug/L	ND	10.0	11/06/14 15:24	N2
Benzene	ug/L	ND	1.0	11/06/14 15:24	
Bromodichloromethane	ug/L	ND	1.0	11/06/14 15:24	
Bromoform	ug/L	ND	1.0	11/06/14 15:24	
Bromomethane	ug/L	ND	5.0	11/06/14 15:24	
Carbon tetrachloride	ug/L	ND	1.0	11/06/14 15:24	
Chloroethane	ug/L	ND	1.0	11/06/14 15:24	
Chloroform	ug/L	ND	1.0	11/06/14 15:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	N2
Ethylbenzene	ug/L	ND	1.0	11/06/14 15:24	
Methylene chloride	ug/L	2.2	1.0	11/06/14 15:24	
Tetrachloroethene	ug/L	ND	1.0	11/06/14 15:24	
Toluene	ug/L	ND	1.0	11/06/14 15:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Trichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Vinyl chloride	ug/L	ND	1.0	11/06/14 15:24	
Xylene (Total)	ug/L	ND	3.0	11/06/14 15:24	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/06/14 15:24	
4-Bromofluorobenzene (S)	%	101	80-120	11/06/14 15:24	
Toluene-d8 (S)	%	100	80-120	11/06/14 15:24	

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	100	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.0	100	67-124	
1,2-Dichloroethane	ug/L	20	19.9	100	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	94	74-120	
2-Butanone (MEK)	ug/L	100	90.5	91	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	82.8	83	38-134	N2
Benzene	ug/L	20	18.9	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	18.3	92	65-127	
Bromomethane	ug/L	20	20.5	103	13-157	
Carbon tetrachloride	ug/L	20	19.2	96	70-131	
Chloroethane	ug/L	20	18.3	92	47-133	
Chloroform	ug/L	20	18.6	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	68-127	N2
Ethylbenzene	ug/L	20	18.7	94	74-122	
Methylene chloride	ug/L	20	17.7	88	64-129	
Tetrachloroethene	ug/L	20	18.4	92	73-125	
Toluene	ug/L	20	19.0	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.9	89	66-129	
Trichloroethene	ug/L	20	19.2	96	71-123	
Vinyl chloride	ug/L	20	20.1	100	43-129	
Xylene (Total)	ug/L	60	58.6	98	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1473965

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	100	107	107	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	139	139	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	100	113	113	52-143	
1,2-Dichloroethane	ug/L	ND	100	105	105	49-144	
1,4-Dichlorobenzene	ug/L	8.7	100	109	101	33-140	
2-Butanone (MEK)	ug/L	ND	500	641	124	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	630	125	40-160	N2
Acetone	ug/L	52.1	500	643	118	10-160	N2
Benzene	ug/L	ND	100	101	100	37-151	
Bromodichloromethane	ug/L	ND	100	102	102	35-142	
Bromoform	ug/L	ND	100	111	111	45-142	
Bromomethane	ug/L	ND	100	109	109	10-158	
Carbon tetrachloride	ug/L	ND	100	109	109	70-140	
Chloroethane	ug/L	ND	100	95.6	96	19-152	
Chloroform	ug/L	ND	100	97.7	98	51-138	
cis-1,2-Dichloroethene	ug/L	ND	100	106	106	34-147	N2
Ethylbenzene	ug/L	ND	100	97.0	97	40-142	
Methylene chloride	ug/L	19.4	100	107	88	31-144	
Tetrachloroethene	ug/L	ND	100	106	106	64-148	
Toluene	ug/L	ND	100	101	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	100	106	106	54-151	
Trichloroethene	ug/L	ND	100	101	101	71-149	
Vinyl chloride	ug/L	ND	100	115	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

MATRIX SPIKE SAMPLE:		1473965					
Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	300	309	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				109	80-120	
4-Bromofluorobenzene (S)	%				106	80-120	F1
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	MSV/65649	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60181731002		

METHOD BLANK: 1476181 Matrix: Water

Associated Lab Samples: 60181731002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 13:19	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 13:19	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 13:19	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 13:19	N2
Acetone	ug/L	ND	10.0	11/10/14 13:19	N2
Benzene	ug/L	ND	1.0	11/10/14 13:19	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 13:19	
Bromoform	ug/L	ND	1.0	11/10/14 13:19	
Bromomethane	ug/L	ND	5.0	11/10/14 13:19	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 13:19	
Chloroethane	ug/L	ND	1.0	11/10/14 13:19	
Chloroform	ug/L	ND	1.0	11/10/14 13:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 13:19	
Methylene chloride	ug/L	ND	1.0	11/10/14 13:19	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 13:19	
Toluene	ug/L	ND	1.0	11/10/14 13:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Trichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Vinyl chloride	ug/L	ND	1.0	11/10/14 13:19	
Xylene (Total)	ug/L	ND	3.0	11/10/14 13:19	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	11/10/14 13:19	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 13:19	
Toluene-d8 (S)	%	101	80-120	11/10/14 13:19	

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.9	99	67-124	
1,2-Dichloroethane	ug/L	20	19.6	98	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.8	90	59-131	N2
Acetone	ug/L	100	89.7	90	38-134	N2
Benzene	ug/L	20	19.8	99	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.4	97	68-125	
Bromoform	ug/L	20	19.7	99	65-127	
Bromomethane	ug/L	20	21.1	105	13-157	
Carbon tetrachloride	ug/L	20	18.9	94	70-131	
Chloroethane	ug/L	20	22.2	111	47-133	
Chloroform	ug/L	20	19.1	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	68-127	N2
Ethylbenzene	ug/L	20	20.1	101	74-122	
Methylene chloride	ug/L	20	19.7	98	64-129	
Tetrachloroethene	ug/L	20	20.2	101	73-125	
Toluene	ug/L	20	19.7	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	19.6	98	71-123	
Vinyl chloride	ug/L	20	22.6	113	43-129	
Xylene (Total)	ug/L	60	60.5	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	OEXT/46962	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60181731001		

METHOD BLANK: 1472346 Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/05/14 18:22	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/05/14 18:22	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/05/14 18:22	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/05/14 18:22	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/05/14 18:22	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/05/14 18:22	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/05/14 18:22	
Hexachloroethane	ug/L	ND	5.0	11/05/14 18:22	
Naphthalene	ug/L	ND	5.0	11/05/14 18:22	
Nitrobenzene	ug/L	ND	5.0	11/05/14 18:22	
Pentachlorophenol	ug/L	ND	5.0	11/05/14 18:22	
Phenol	ug/L	ND	5.0	11/05/14 18:22	
2,4,6-Tribromophenol (S)	%	83	39-120	11/05/14 18:22	
2-Fluorobiphenyl (S)	%	85	39-120	11/05/14 18:22	
2-Fluorophenol (S)	%	50	17-120	11/05/14 18:22	
Nitrobenzene-d5 (S)	%	86	33-120	11/05/14 18:22	
Phenol-d6 (S)	%	32	11-120	11/05/14 18:22	
Terphenyl-d14 (S)	%	91	45-120	11/05/14 18:22	

LABORATORY CONTROL SAMPLE: 1472347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.8	86	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.3	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	40.3	81	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.0	74	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.4	109	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.5	81	44-116	
Hexachlorocyclopentadiene	ug/L	100	36.7	37	24-120	
Hexachloroethane	ug/L	50	39.8	80	43-113	
Naphthalene	ug/L	50	41.6	83	48-120	
Nitrobenzene	ug/L	50	43.2	86	48-120	
Pentachlorophenol	ug/L	50	51.5	103	47-120	
Phenol	ug/L	50	19.3	39	16-112	
2,4,6-Tribromophenol (S)	%			98	39-120	
2-Fluorobiphenyl (S)	%			91	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			94	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

MATRIX SPIKE SAMPLE: 1472348		60181592002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	35.6	71	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	40.5	81	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	39.5	79	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	33.2	66	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	60.6	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	32.9	66	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	36.4	36	11-120	
Hexachloroethane	ug/L	ND	50	33.5	67	40-113	
Naphthalene	ug/L	ND	50	34.9	67	45-120	
Nitrobenzene	ug/L	ND	50	41.2	82	38-120	
Pentachlorophenol	ug/L	ND	50	31.4	63	43-135	
Phenol	ug/L	ND	50	17.2	34	13-112	
2,4,6-Tribromophenol (S)	%				81	39-120	
2-Fluorobiphenyl (S)	%				73	39-120	
2-Fluorophenol (S)	%				46	17-120	
Nitrobenzene-d5 (S)	%				96	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				89	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: WET/51338

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60181731001

METHOD BLANK: 1472397

Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/04/14 08:12	

LABORATORY CONTROL SAMPLE: 1472398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.8	102	78-114	

MATRIX SPIKE SAMPLE: 1472399

Parameter	Units	60181730001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	260	154	304	29	78-114	M1

MATRIX SPIKE SAMPLE: 1472401

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	44.3	102	78-114	

SAMPLE DUPLICATE: 1472400

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	214	209	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	WET/51339	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60181731001		

METHOD BLANK: 1472407 Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/04/14 08:18	

LABORATORY CONTROL SAMPLE: 1472408

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	24.7	124	64-132	

MATRIX SPIKE SAMPLE: 1472409

Parameter	Units	60181730001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	6.0	76.9	22.3	21	64-132	M1

SAMPLE DUPLICATE: 1472410

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	4.4J		34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	WET/51362	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60181731001		

METHOD BLANK: 1473002 Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/05/14 08:26	

SAMPLE DUPLICATE: 1473003

Parameter	Units	60181766001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	227	178	24	10	D6

SAMPLE DUPLICATE: 1473004

Parameter	Units	60181667001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	3080	3260	6	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: WET/51348 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60181731001

SAMPLE DUPLICATE: 1472689

Parameter	Units	60181382002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: WET/51331

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60181731001

METHOD BLANK: 1472263

Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/08/14 11:44	

LABORATORY CONTROL SAMPLE: 1472264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1472265

Parameter	Units	60181731001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	7530	8170	8	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch: WETA/31691

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60181731001

METHOD BLANK: 1473868

Matrix: Water

Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/06/14 12:44	

LABORATORY CONTROL SAMPLE: 1473869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1473870

Parameter	Units	60181540002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.8	91	90-110	

MATRIX SPIKE SAMPLE: 1473871

Parameter	Units	60181549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.9	95	90-110	

SAMPLE DUPLICATE: 1473872

Parameter	Units	60181592002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	79.0	77.8	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

QC Batch:	WETA/31658	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60181731001		

METHOD BLANK: 1472430 Matrix: Water
Associated Lab Samples: 60181731001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/05/14 06:24	

LABORATORY CONTROL SAMPLE: 1472431

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	53.8	108	90-110	

MATRIX SPIKE SAMPLE: 1472432

Parameter	Units	60181094002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	55.7	50	98.9	86	90-110	M1

MATRIX SPIKE SAMPLE: 1472434

Parameter	Units	60181444001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2080	1250	3140	85	90-110	M1

SAMPLE DUPLICATE: 1472433

Parameter	Units	60181353001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	6770	7000	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

C9 Common Laboratory Contaminant.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

F1 The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-055

Pace Project No.: 60181731

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60181731001	T1-055	EPA 200.7	MPRP/29681	EPA 200.7	ICP/22248
60181731001	T1-055	EPA 200.7	MPRP/29683	EPA 200.7	ICP/22246
60181731001	T1-055	EPA 245.1	MERP/9006	EPA 245.1	MERC/8959
60181731001	T1-055	EPA 245.1	MERP/9017	EPA 245.1	MERC/8967
60181731001	T1-055	EPA 625	OEXT/46962	EPA 625	MSSV/15123
60181731001	T1-055	EPA 624 Low	MSV/65575		
60181731002	TRIP BLANK	EPA 624 Low	MSV/65649		
60181731001	T1-055	EPA 1664A	WET/51338		
60181731001	T1-055	EPA 1664A	WET/51339		
60181731001	T1-055	SM 2540D	WET/51362		
60181731001	T1-055	SM 4500-H+B	WET/51348		
60181731001	T1-055	SM 5210B	WET/51331	SM 5210B	WET/51431
60181731001	T1-055	EPA 350.1	WETA/31691		
60181731001	T1-055	EPA 410.4	WETA/31658		

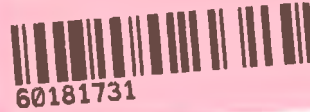
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Sample Condition Upon Receipt

WO#: 60181731



60181731

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex UPS USPS Client Commercial Pace Other Wood

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2 PIC

Thermometer Used: T-238 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 8.6 9.6

Date and initials of person examining contents: p 11/3/14

Temperature should be above freezing to 6°C p 11/3/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>Samples received on ice but</u>
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>was not in temp range.</u>
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix:	<u>WT</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 25 mL of H₂O to BP2N. 6.0/2.5</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 1.0 mL of H₂SO₄ to BP3S. 6.0/2.0</u>
Exceptions: <u>VOA</u> coliform, TOC, <u>O&G</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>p</u> Lot # of added preservative <u>12513 12207</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: TEMP 7.6 C ADDED TO REPORT - M

Project Manager Review: [Signature]

Date: 11/4/14

November 12, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-056
Pace Project No.: 60181835

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-056
Pace Project No.: 60181835

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60181835001	T1-056	Water	11/03/14 11:22	11/05/14 02:40
60181835002	TRIP BLANK	Water		11/05/14 02:40

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60181835001	T1-056	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60181835002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Sample: T1-056		Lab ID: 60181835001	Collected: 11/03/14 11:22	Received: 11/05/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	2260 ug/L		375	1	11/06/14 17:00	11/07/14 15:00	7429-90-5	
Antimony	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 15:00	7440-36-0	
Arsenic	298 ug/L		50.0	1	11/06/14 17:00	11/07/14 15:00	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/06/14 17:00	11/07/14 15:00	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 15:00	7440-43-9	
Chromium	91.6 ug/L		25.0	1	11/06/14 17:00	11/07/14 15:00	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 15:00	7440-48-4	
Copper	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 15:00	7440-50-8	
Iron	156000 ug/L		250	1	11/06/14 17:00	11/07/14 15:00	7439-89-6	
Lead	33.0 ug/L		25.0	1	11/06/14 17:00	11/07/14 15:00	7439-92-1	
Nickel	57.7 ug/L		25.0	1	11/06/14 17:00	11/07/14 15:00	7440-02-0	
Selenium	ND ug/L		75.0	1	11/06/14 17:00	11/07/14 15:00	7782-49-2	
Silver	ND ug/L		35.0	1	11/06/14 17:00	11/07/14 15:00	7440-22-4	
Thallium	ND ug/L		100	1	11/06/14 17:00	11/07/14 15:00	7440-28-0	
Zinc	2320 ug/L		250	1	11/06/14 17:00	11/07/14 15:00	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	385 ug/L		375	1	11/06/14 17:00	11/07/14 14:17	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 14:17	7440-36-0	
Arsenic, Dissolved	211 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:17	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/06/14 17:00	11/07/14 14:17	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:17	7440-43-9	
Chromium, Dissolved	59.1 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:17	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:17	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 14:17	7440-50-8	
Iron, Dissolved	101000 ug/L		250	1	11/06/14 17:00	11/07/14 14:17	7439-89-6	M1
Lead, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:17	7439-92-1	
Nickel, Dissolved	36.9 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:17	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/06/14 17:00	11/07/14 14:17	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/06/14 17:00	11/07/14 14:17	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/06/14 17:00	11/07/14 14:17	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/06/14 17:00	11/07/14 14:17	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	13.2 ug/L		6.0	1	11/06/14 16:05	11/07/14 10:22	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/06/14 16:05	11/07/14 10:07	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		25.0	1	11/06/14 00:00	11/11/14 17:19	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	77-47-4	
Hexachloroethane	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		10.0	1	11/06/14 00:00	11/11/14 17:19	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		20.0	1	11/06/14 00:00	11/11/14 17:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Sample: T1-056	Lab ID: 60181835001	Collected: 11/03/14 11:22	Received: 11/05/14 02:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	91-20-3	
Nitrobenzene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	98-95-3	
Pentachlorophenol	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	87-86-5	
Phenol	24.7 ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77 %		33-120	1	11/06/14 00:00	11/11/14 17:19	4165-60-0	
2-Fluorobiphenyl (S)	72 %		39-120	1	11/06/14 00:00	11/11/14 17:19	321-60-8	
Terphenyl-d14 (S)	84 %		45-120	1	11/06/14 00:00	11/11/14 17:19	1718-51-0	
Phenol-d6 (S)	24 %		11-120	1	11/06/14 00:00	11/11/14 17:19	13127-88-3	
2-Fluorophenol (S)	34 %		17-120	1	11/06/14 00:00	11/11/14 17:19	367-12-4	
2,4,6-Tribromophenol (S)	81 %		39-120	1	11/06/14 00:00	11/11/14 17:19	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	39100 ug/L		1000	100		11/06/14 17:22	67-64-1	N2
Benzene	ND ug/L		100	100		11/06/14 17:22	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/06/14 17:22	75-27-4	
Bromoform	ND ug/L		100	100		11/06/14 17:22	75-25-2	
Bromomethane	ND ug/L		500	100		11/06/14 17:22	74-83-9	
2-Butanone (MEK)	16000 ug/L		1000	100		11/06/14 17:22	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/06/14 17:22	56-23-5	
Chloroethane	ND ug/L		100	100		11/06/14 17:22	75-00-3	
Chloroform	ND ug/L		100	100		11/06/14 17:22	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/06/14 17:22	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/06/14 17:22	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:22	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:22	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/06/14 17:22	100-41-4	
Methylene chloride	255 ug/L		100	100		11/06/14 17:22	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/06/14 17:22	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/06/14 17:22	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/06/14 17:22	127-18-4	
Toluene	ND ug/L		100	100		11/06/14 17:22	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/06/14 17:22	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/06/14 17:22	79-00-5	
Trichloroethene	ND ug/L		100	100		11/06/14 17:22	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/06/14 17:22	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/06/14 17:22	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/06/14 17:22	460-00-4	
Toluene-d8 (S)	101 %		80-120	100		11/06/14 17:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/06/14 17:22	17060-07-0	
Preservation pH	6.0		1.0	100		11/06/14 17:22		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	156 mg/L		5.0	1		11/07/14 08:24		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Sample: T1-056		Lab ID: 60181835001	Collected: 11/03/14 11:22	Received: 11/05/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	ND	mg/L	5.0	1		11/07/14 08:31		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	3060	mg/L	5.0	1		11/06/14 10:10		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/08/14 11:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	5990	mg/L	2.0	1	11/05/14 10:36	11/10/14 10:44		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	116	mg/L	5.0	50		11/06/14 13:17	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	16900	mg/L	2500	250		11/10/14 07:04		M1

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Sample: TRIP BLANK		Lab ID: 60181835002	Collected:	Received: 11/05/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND	ug/L	10.0	1		11/06/14 19:01	67-64-1	N2
Benzene	ND	ug/L	1.0	1		11/06/14 19:01	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		11/06/14 19:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/06/14 19:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/06/14 19:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/06/14 19:01	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		11/06/14 19:01	56-23-5	
Chloroethane	ND	ug/L	1.0	1		11/06/14 19:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/06/14 19:01	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/06/14 19:01	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/06/14 19:01	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/06/14 19:01	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/06/14 19:01	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		11/06/14 19:01	100-41-4	
Methylene chloride	2.2	ug/L	1.0	1		11/06/14 19:01	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/06/14 19:01	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/06/14 19:01	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		11/06/14 19:01	127-18-4	
Toluene	ND	ug/L	1.0	1		11/06/14 19:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/06/14 19:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/06/14 19:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/06/14 19:01	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/06/14 19:01	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/06/14 19:01	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/06/14 19:01	460-00-4	
Toluene-d8 (S)	101 %		80-120	1		11/06/14 19:01	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		80-120	1		11/06/14 19:01	17060-07-0	
Preservation pH	6.0		1.0	1		11/06/14 19:01		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: MERP/9019

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60181835001

METHOD BLANK: 1474307

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/07/14 10:11	

LABORATORY CONTROL SAMPLE: 1474308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474309 1474310

Parameter	Units	60181835001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	13.2	150	150	102	110	59	65	70-130	8	20	M1

MATRIX SPIKE SAMPLE: 1474311

Parameter	Units	60181966001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	2.9	58	70-130	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: MERP/9017

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60181835001

METHOD BLANK: 1474299

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/07/14 09:53	

LABORATORY CONTROL SAMPLE: 1474300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474301 1474302

Parameter	Units	60181730001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury, Dissolved	ug/L	ND	150	150	89.1	81.6	59	54	70-130	9	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: MPRP/29681

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60181835001

METHOD BLANK: 1474508

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/07/14 14:35	
Antimony	ug/L	ND	10.0	11/07/14 14:35	
Arsenic	ug/L	ND	10.0	11/07/14 14:35	
Beryllium	ug/L	ND	1.0	11/07/14 14:35	
Cadmium	ug/L	ND	5.0	11/07/14 14:35	
Chromium	ug/L	ND	5.0	11/07/14 14:35	
Cobalt	ug/L	ND	5.0	11/07/14 14:35	
Copper	ug/L	ND	10.0	11/07/14 14:35	
Iron	ug/L	ND	50.0	11/07/14 14:35	
Lead	ug/L	ND	5.0	11/07/14 14:35	
Nickel	ug/L	ND	5.0	11/07/14 14:35	
Selenium	ug/L	ND	15.0	11/07/14 14:35	
Silver	ug/L	ND	7.0	11/07/14 14:35	
Thallium	ug/L	ND	20.0	11/07/14 14:35	
Zinc	ug/L	ND	50.0	11/07/14 14:35	

LABORATORY CONTROL SAMPLE: 1474509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	981	98	85-115	
Arsenic	ug/L	1000	933	93	85-115	
Beryllium	ug/L	1000	1020	102	85-115	
Cadmium	ug/L	1000	975	97	85-115	
Chromium	ug/L	1000	975	98	85-115	
Cobalt	ug/L	1000	999	100	85-115	
Copper	ug/L	1000	985	99	85-115	
Iron	ug/L	10000	9840	98	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	972	97	85-115	
Silver	ug/L	500	523	105	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	995	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474510			1474511								
Parameter	Units	60181730001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Aluminum	ug/L	6410	50000	50000	59600	60800	106	109	70-130	2	20
Antimony	ug/L	ND	5000	5000	4960	4960	99	99	70-130	0	20
Arsenic	ug/L	303	5000	5000	5230	5240	99	99	70-130	0	20
Beryllium	ug/L	ND	5000	5000	4970	4990	99	100	70-130	0	20
Cadmium	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20
Chromium	ug/L	113	5000	5000	4950	4950	97	97	70-130	0	20
Cobalt	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20
Copper	ug/L	ND	5000	5000	4910	4910	97	97	70-130	0	20
Iron	ug/L	277000	50000	50000	338000	352000	122	151	70-130	4	20 M1
Lead	ug/L	71.2	5000	5000	4950	4940	98	97	70-130	0	20
Nickel	ug/L	69.3	5000	5000	4930	4920	97	97	70-130	0	20
Selenium	ug/L	ND	5000	5000	5090	5140	101	102	70-130	1	20
Silver	ug/L	ND	2500	2500	2710	2720	108	108	70-130	0	20
Thallium	ug/L	ND	5000	5000	4470	4440	89	89	70-130	1	20
Zinc	ug/L	2470	5000	5000	7180	7240	94	95	70-130	1	20

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: MPRP/29683

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60181835001

METHOD BLANK: 1474523

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/07/14 14:03	
Antimony, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Arsenic, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Beryllium, Dissolved	ug/L	ND	1.0	11/07/14 14:03	
Cadmium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Chromium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Cobalt, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Copper, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Iron, Dissolved	ug/L	ND	50.0	11/07/14 14:03	
Lead, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Nickel, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Selenium, Dissolved	ug/L	ND	15.0	11/07/14 14:03	
Silver, Dissolved	ug/L	ND	7.0	11/07/14 14:03	
Thallium, Dissolved	ug/L	ND	20.0	11/07/14 14:03	
Zinc, Dissolved	ug/L	ND	50.0	11/07/14 14:03	

LABORATORY CONTROL SAMPLE: 1474524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	964	96	85-115	
Arsenic, Dissolved	ug/L	1000	939	94	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	961	96	85-115	
Chromium, Dissolved	ug/L	1000	969	97	85-115	
Cobalt, Dissolved	ug/L	1000	979	98	85-115	
Copper, Dissolved	ug/L	1000	953	95	85-115	
Iron, Dissolved	ug/L	10000	9680	97	85-115	
Lead, Dissolved	ug/L	1000	1020	102	85-115	
Nickel, Dissolved	ug/L	1000	1000	100	85-115	
Selenium, Dissolved	ug/L	1000	979	98	85-115	
Silver, Dissolved	ug/L	500	505	101	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Parameter	Units	1474525		1474526		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60181835001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	385	50000	50000	49400	50600	98	100	70-130	2	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5020	4980	100	99	70-130	1	20		
Arsenic, Dissolved	ug/L	211	5000	5000	5180	5030	99	96	70-130	3	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	5060	99	101	70-130	2	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20		
Chromium, Dissolved	ug/L	59.1	5000	5000	4890	4910	97	97	70-130	0	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4870	4900	97	98	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	4810	4910	96	98	70-130	2	20		
Iron, Dissolved	ug/L	101000	50000	50000	156000	135000	109	68	70-130	14	20	M1	
Lead, Dissolved	ug/L	ND	5000	5000	4970	5040	99	101	70-130	1	20		
Nickel, Dissolved	ug/L	36.9	5000	5000	4980	4990	99	99	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5050	104	101	70-130	3	20		
Silver, Dissolved	ug/L	ND	2500	2500	2620	2660	105	106	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4680	92	94	70-130	2	20		
Zinc, Dissolved	ug/L	ND	5000	5000	5140	5060	98	96	70-130	2	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: MSV/65575 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60181835001, 60181835002

METHOD BLANK: 1473963 Matrix: Water

Associated Lab Samples: 60181835001, 60181835002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/06/14 15:24	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,2-Dichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/06/14 15:24	
2-Butanone (MEK)	ug/L	ND	10.0	11/06/14 15:24	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/06/14 15:24	N2
Acetone	ug/L	ND	10.0	11/06/14 15:24	N2
Benzene	ug/L	ND	1.0	11/06/14 15:24	
Bromodichloromethane	ug/L	ND	1.0	11/06/14 15:24	
Bromoform	ug/L	ND	1.0	11/06/14 15:24	
Bromomethane	ug/L	ND	5.0	11/06/14 15:24	
Carbon tetrachloride	ug/L	ND	1.0	11/06/14 15:24	
Chloroethane	ug/L	ND	1.0	11/06/14 15:24	
Chloroform	ug/L	ND	1.0	11/06/14 15:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	N2
Ethylbenzene	ug/L	ND	1.0	11/06/14 15:24	
Methylene chloride	ug/L	2.2	1.0	11/06/14 15:24	
Tetrachloroethene	ug/L	ND	1.0	11/06/14 15:24	
Toluene	ug/L	ND	1.0	11/06/14 15:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Trichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Vinyl chloride	ug/L	ND	1.0	11/06/14 15:24	
Xylene (Total)	ug/L	ND	3.0	11/06/14 15:24	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/06/14 15:24	
4-Bromofluorobenzene (S)	%	101	80-120	11/06/14 15:24	
Toluene-d8 (S)	%	100	80-120	11/06/14 15:24	

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	100	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.0	100	67-124	
1,2-Dichloroethane	ug/L	20	19.9	100	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	94	74-120	
2-Butanone (MEK)	ug/L	100	90.5	91	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	82.8	83	38-134	N2
Benzene	ug/L	20	18.9	95	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	18.3	92	65-127	
Bromomethane	ug/L	20	20.5	103	13-157	
Carbon tetrachloride	ug/L	20	19.2	96	70-131	
Chloroethane	ug/L	20	18.3	92	47-133	
Chloroform	ug/L	20	18.6	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	68-127	N2
Ethylbenzene	ug/L	20	18.7	94	74-122	
Methylene chloride	ug/L	20	17.7	88	64-129	
Tetrachloroethene	ug/L	20	18.4	92	73-125	
Toluene	ug/L	20	19.0	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.9	89	66-129	
Trichloroethene	ug/L	20	19.2	96	71-123	
Vinyl chloride	ug/L	20	20.1	100	43-129	
Xylene (Total)	ug/L	60	58.6	98	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1473965

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	100	107	107	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	139	139	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	100	113	113	52-143	
1,2-Dichloroethane	ug/L	ND	100	105	105	49-144	
1,4-Dichlorobenzene	ug/L	8.7	100	109	101	33-140	
2-Butanone (MEK)	ug/L	ND	500	641	124	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	630	125	40-160	N2
Acetone	ug/L	52.1	500	643	118	10-160	N2
Benzene	ug/L	ND	100	101	100	37-151	
Bromodichloromethane	ug/L	ND	100	102	102	35-142	
Bromoform	ug/L	ND	100	111	111	45-142	
Bromomethane	ug/L	ND	100	109	109	10-158	
Carbon tetrachloride	ug/L	ND	100	109	109	70-140	
Chloroethane	ug/L	ND	100	95.6	96	19-152	
Chloroform	ug/L	ND	100	97.7	98	51-138	
cis-1,2-Dichloroethene	ug/L	ND	100	106	106	34-147	N2
Ethylbenzene	ug/L	ND	100	97.0	97	40-142	
Methylene chloride	ug/L	19.4	100	107	88	31-144	
Tetrachloroethene	ug/L	ND	100	106	106	64-148	
Toluene	ug/L	ND	100	101	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	100	106	106	54-151	
Trichloroethene	ug/L	ND	100	101	101	71-149	
Vinyl chloride	ug/L	ND	100	115	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

MATRIX SPIKE SAMPLE:		1473965					
Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	300	309	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				109	80-120	
4-Bromofluorobenzene (S)	%				106	80-120	F1
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: OEXT/47007 Analysis Method: EPA 625
 QC Batch Method: EPA 625 Analysis Description: 625 MSS
 Associated Lab Samples: 60181835001

METHOD BLANK: 1474067 Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/11/14 16:38	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/11/14 16:38	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/11/14 16:38	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/11/14 16:38	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/11/14 16:38	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/11/14 16:38	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/11/14 16:38	
Hexachloroethane	ug/L	ND	5.0	11/11/14 16:38	
Naphthalene	ug/L	ND	5.0	11/11/14 16:38	
Nitrobenzene	ug/L	ND	5.0	11/11/14 16:38	
Pentachlorophenol	ug/L	ND	5.0	11/11/14 16:38	
Phenol	ug/L	ND	5.0	11/11/14 16:38	
2,4,6-Tribromophenol (S)	%	91	39-120	11/11/14 16:38	
2-Fluorobiphenyl (S)	%	92	39-120	11/11/14 16:38	
2-Fluorophenol (S)	%	39	17-120	11/11/14 16:38	
Nitrobenzene-d5 (S)	%	89	33-120	11/11/14 16:38	
Phenol-d6 (S)	%	23	11-120	11/11/14 16:38	
Terphenyl-d14 (S)	%	98	45-120	11/11/14 16:38	

LABORATORY CONTROL SAMPLE: 1474068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.2	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.4	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	35.3	71	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	32.3	65	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	52.4	105	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.2	76	44-116	
Hexachlorocyclopentadiene	ug/L	100	43.7	44	24-120	
Hexachloroethane	ug/L	50	36.0	72	43-113	
Naphthalene	ug/L	50	39.8	80	48-120	
Nitrobenzene	ug/L	50	39.5	79	48-120	
Pentachlorophenol	ug/L	50	53.2	106	47-120	
Phenol	ug/L	50	14.2	28	16-112	
2,4,6-Tribromophenol (S)	%			94	39-120	
2-Fluorobiphenyl (S)	%			88	39-120	
2-Fluorophenol (S)	%			41	17-120	
Nitrobenzene-d5 (S)	%			83	33-120	
Phenol-d6 (S)	%			27	11-120	
Terphenyl-d14 (S)	%			99	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

MATRIX SPIKE SAMPLE:	1474069	60181868001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	42.0	84	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	45.5	91	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	37.6	75	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	33.7	67	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	49.1	98	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	39.1	78	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	43.4	43	11-120	
Hexachloroethane	ug/L	ND	50	40.1	80	40-113	
Naphthalene	ug/L	ND	50	40.8	82	45-120	
Nitrobenzene	ug/L	ND	50	40.9	82	38-120	
Pentachlorophenol	ug/L	ND	50	56.2	110	43-135	
Phenol	ug/L	ND	50	16.2	32	13-112	
2,4,6-Tribromophenol (S)	%				90	39-120	
2-Fluorobiphenyl (S)	%				86	39-120	
2-Fluorophenol (S)	%				46	17-120	
Nitrobenzene-d5 (S)	%				86	33-120	
Phenol-d6 (S)	%				31	11-120	
Terphenyl-d14 (S)	%				98	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch:	WET/51408	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60181835001		

METHOD BLANK: 1474750 Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/07/14 08:23	

LABORATORY CONTROL SAMPLE: 1474751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	37.9	95	78-114	

MATRIX SPIKE SAMPLE: 1474752

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	348	40	372	60	78-114	M1

SAMPLE DUPLICATE: 1474753

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.93J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: WET/51410

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 SGT-HEM, TPH

Associated Lab Samples: 60181835001

METHOD BLANK: 1474762

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/07/14 08:30	

LABORATORY CONTROL SAMPLE: 1474763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.9	110	64-132	

MATRIX SPIKE SAMPLE: 1474764

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	20	13.5	56	64-132	M1

SAMPLE DUPLICATE: 1474765

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	1.3J		34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch:	WET/51377	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60181835001		

METHOD BLANK: 1473362 Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/06/14 10:06	

SAMPLE DUPLICATE: 1473363

Parameter	Units	60181889001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1473364

Parameter	Units	60181824001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10	12.0	18	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: WET/51429 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60181835001

SAMPLE DUPLICATE: 1475855

Parameter	Units	60181835001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: WET/51360

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60181835001

METHOD BLANK: 1472985

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/10/14 08:59	

LABORATORY CONTROL SAMPLE: 1472986

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	175	88	85-115	

SAMPLE DUPLICATE: 1472987

Parameter	Units	60181753001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2.8	3.0	6	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch: WETA/31691

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60181835001

METHOD BLANK: 1473868

Matrix: Water

Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/06/14 12:44	

LABORATORY CONTROL SAMPLE: 1473869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1473870

Parameter	Units	60181540002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.8	91	90-110	

MATRIX SPIKE SAMPLE: 1473871

Parameter	Units	60181549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.9	95	90-110	

SAMPLE DUPLICATE: 1473872

Parameter	Units	60181592002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	79.0	77.8	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

QC Batch:	WETA/31702	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60181835001		

METHOD BLANK: 1474654 Matrix: Water
Associated Lab Samples: 60181835001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/10/14 07:03	

LABORATORY CONTROL SAMPLE: 1474655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	51.8	104	90-110	

MATRIX SPIKE SAMPLE: 1474656

Parameter	Units	60181835001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16900	12500	28000	89	90-110	M1

MATRIX SPIKE SAMPLE: 1474658

Parameter	Units	60181672003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	ND	50	55.0	100	90-110	

SAMPLE DUPLICATE: 1474657

Parameter	Units	60181853001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	16800	16700	1	25	

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QUALIFIERS

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

C9 Common Laboratory Contaminant.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

F1 The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-056

Pace Project No.: 60181835

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60181835001	T1-056	EPA 200.7	MPRP/29681	EPA 200.7	ICP/22248
60181835001	T1-056	EPA 200.7	MPRP/29683	EPA 200.7	ICP/22246
60181835001	T1-056	EPA 245.1	MERP/9019	EPA 245.1	MERC/8968
60181835001	T1-056	EPA 245.1	MERP/9017	EPA 245.1	MERC/8967
60181835001	T1-056	EPA 625	OEXT/47007	EPA 625	MSSV/15154
60181835001	T1-056	EPA 624 Low	MSV/65575		
60181835002	TRIP BLANK	EPA 624 Low	MSV/65575		
60181835001	T1-056	EPA 1664A	WET/51408		
60181835001	T1-056	EPA 1664A	WET/51410		
60181835001	T1-056	SM 2540D	WET/51377		
60181835001	T1-056	SM 4500-H+B	WET/51429		
60181835001	T1-056	SM 5210B	WET/51360	SM 5210B	WET/51438
60181835001	T1-056	EPA 350.1	WETA/31691		
60181835001	T1-056	EPA 410.4	WETA/31702		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60181835



60181835

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2 PIC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 1.2

Date and initials of person examining contents: PV 11/5/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix:	<u>WT</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 2.5 ml of HNO3 to BP35. PH 6.012-5</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 1.0 ml of H2SO4 to BP35. PH 6.011-5</u>
Exceptions: <u>VOA</u> , coliform, TOC, O&C, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>PV</u> Lot # of added preservative <u>12515 12387</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
		16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>HO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/5/14

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: BARR ENGINEERING
 Address:
 Email To:
 Phone: (816) 285-8410 Fax:
 Requested Due Date/TAT: 10 Day (Default)

Section B

Required Project Information:

Report To: ED GALBRAITH/BARR
 Copy To: SCOTT FEDAK/FEEZOR
 DANA BAKER/MARGARET TREANOR -BARR
 Client Project ID: BRIDGETON LF
 Container Order Number:

Section C

Invoice Information:

Attention: AMY HARGROVE/BRIAN POWER
 Company Name: REPUBLIC SERVICES
 Address: BRIDGETON, MO 63044
 Pace Quote Reference: 130426 7588
 Pace Project Manager: Brown, Angie
 Pace Profile #: 7585 LINE 2

Regulatory Agency	
State / Location	
Missouri	

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)															
				START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	Analyses Test	Y/N	COD EPA 410	PH SM 4500H+B	LF DIS METALS 200 7/245	TOTAL METALS 200 7/245	AMMONIA EPA 350	OIG EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	TPH/HEM-SGT 1664	BOD SM 5210B	Residual Chlorine (Y/N)				
				DATE	TIME	DATE	TIME																												
1	T1-056 2A64U 1B32U 3A635	OT	G	11/3/14	1122			10	4	1	0	1B	3S	5	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1B32U 2:5 ZB2U 5D64U W1	
2	TRIP BLANK							2	2																									2D 4947B ar	
3																																			
4																																			
5																																			
6																																			
7																																			METALS LIST total & LF Dis:
8																																			Al, Sb, As, Be, Cd, Cr,
9																																		Co, Cu, Fe, Pb, Ni, Se, Ag, Tl, Zn	
10																																			and Mercury
11																																			
12																																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Stacy Valen EEI	11-4-14	12:40P	Joe Retention 63	11/4	12:40				
SITE ADDRESS: BRIDGETON LF				WMAZE	11/5/14	0240	1-2	Y	Y	Y
13570 ST. CHARLES ROCK RD										
BRIDGETON MO 63044										

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: WILLIAM ABERNATHY						
SIGNATURE of SAMPLER: [Signature]		DATE Signed: 11/3/14				

November 12, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

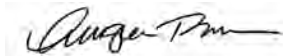
RE: Project: BRIDGETON LF T1-057
Pace Project No.: 60181853

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60181853001	T1-057	Water	11/04/14 07:41	11/05/14 02:40
60181853002	TRIP BLANK	Water		11/05/14 02:40

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60181853001	T1-057	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
60181853002	TRIP BLANK	EPA 624 Low	EAK	28

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Sample: T1-057	Lab ID: 60181853001	Collected: 11/04/14 07:41	Received: 11/05/14 02:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	1670 ug/L		375	1	11/06/14 17:00	11/07/14 15:04	7429-90-5	
Antimony	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 15:04	7440-36-0	
Arsenic	256 ug/L		50.0	1	11/06/14 17:00	11/07/14 15:04	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/06/14 17:00	11/07/14 15:04	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 15:04	7440-43-9	
Chromium	82.8 ug/L		25.0	1	11/06/14 17:00	11/07/14 15:04	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 15:04	7440-48-4	
Copper	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 15:04	7440-50-8	
Iron	117000 ug/L		250	1	11/06/14 17:00	11/07/14 15:04	7439-89-6	
Lead	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 15:04	7439-92-1	
Nickel	51.1 ug/L		25.0	1	11/06/14 17:00	11/07/14 15:04	7440-02-0	
Selenium	ND ug/L		75.0	1	11/06/14 17:00	11/07/14 15:04	7782-49-2	
Silver	ND ug/L		35.0	1	11/06/14 17:00	11/07/14 15:04	7440-22-4	
Thallium	ND ug/L		100	1	11/06/14 17:00	11/07/14 15:04	7440-28-0	
Zinc	2230 ug/L		250	1	11/06/14 17:00	11/07/14 15:04	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	386 ug/L		375	1	11/06/14 17:00	11/07/14 14:28	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 14:28	7440-36-0	
Arsenic, Dissolved	233 ug/L		50.0	1	11/06/14 17:00	11/07/14 14:28	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/06/14 17:00	11/07/14 14:28	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:28	7440-43-9	
Chromium, Dissolved	65.5 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:28	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:28	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/06/14 17:00	11/07/14 14:28	7440-50-8	
Iron, Dissolved	63500 ug/L		250	1	11/06/14 17:00	11/07/14 14:28	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/06/14 17:00	11/07/14 14:28	7439-92-1	
Nickel, Dissolved	44.5 ug/L		25.0	1	11/06/14 17:00	11/07/14 14:28	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/06/14 17:00	11/07/14 14:28	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/06/14 17:00	11/07/14 14:28	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/06/14 17:00	11/07/14 14:28	7440-28-0	
Zinc, Dissolved	299 ug/L		250	1	11/06/14 17:00	11/07/14 14:28	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	8.6 ug/L		6.0	1	11/06/14 16:05	11/07/14 10:29	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/06/14 16:05	11/07/14 10:09	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		25.0	1	11/06/14 00:00	11/11/14 17:40	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	77-47-4	
Hexachloroethane	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		10.0	1	11/06/14 00:00	11/11/14 17:40	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		20.0	1	11/06/14 00:00	11/11/14 17:40		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Sample: T1-057	Lab ID: 60181853001	Collected: 11/04/14 07:41	Received: 11/05/14 02:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
Naphthalene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	91-20-3	
Nitrobenzene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	98-95-3	
Pentachlorophenol	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	87-86-5	
Phenol	26.1 ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		5.0	1	11/06/14 00:00	11/11/14 17:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87 %		33-120	1	11/06/14 00:00	11/11/14 17:40	4165-60-0	
2-Fluorobiphenyl (S)	79 %		39-120	1	11/06/14 00:00	11/11/14 17:40	321-60-8	
Terphenyl-d14 (S)	89 %		45-120	1	11/06/14 00:00	11/11/14 17:40	1718-51-0	
Phenol-d6 (S)	27 %		11-120	1	11/06/14 00:00	11/11/14 17:40	13127-88-3	
2-Fluorophenol (S)	40 %		17-120	1	11/06/14 00:00	11/11/14 17:40	367-12-4	
2,4,6-Tribromophenol (S)	86 %		39-120	1	11/06/14 00:00	11/11/14 17:40	118-79-6	
624 Volatile Organics Analytical Method: EPA 624 Low								
Acetone	56700 ug/L		1000	100		11/06/14 17:36	67-64-1	N2
Benzene	ND ug/L		100	100		11/06/14 17:36	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/06/14 17:36	75-27-4	
Bromoform	ND ug/L		100	100		11/06/14 17:36	75-25-2	
Bromomethane	ND ug/L		500	100		11/06/14 17:36	74-83-9	
2-Butanone (MEK)	18600 ug/L		1000	100		11/06/14 17:36	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/06/14 17:36	56-23-5	
Chloroethane	ND ug/L		100	100		11/06/14 17:36	75-00-3	
Chloroform	ND ug/L		100	100		11/06/14 17:36	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/06/14 17:36	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/06/14 17:36	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:36	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/06/14 17:36	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/06/14 17:36	100-41-4	
Methylene chloride	241 ug/L		100	100		11/06/14 17:36	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/06/14 17:36	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/06/14 17:36	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/06/14 17:36	127-18-4	
Toluene	ND ug/L		100	100		11/06/14 17:36	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/06/14 17:36	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/06/14 17:36	79-00-5	
Trichloroethene	ND ug/L		100	100		11/06/14 17:36	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/06/14 17:36	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/06/14 17:36	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	102 %		80-120	100		11/06/14 17:36	460-00-4	
Toluene-d8 (S)	98 %		80-120	100		11/06/14 17:36	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		80-120	100		11/06/14 17:36	17060-07-0	
Preservation pH	6.0		1.0	100		11/06/14 17:36		
HEM, Oil and Grease Analytical Method: EPA 1664A								
Oil and Grease	156 mg/L		5.0	1		11/07/14 08:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Sample: T1-057		Lab ID: 60181853001	Collected: 11/04/14 07:41	Received: 11/05/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	ND	mg/L	5.0	1		11/07/14 08:31		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	3420	mg/L	5.0	1		11/06/14 14:20		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/08/14 11:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	6340	mg/L	2.0	1	11/05/14 17:48	11/10/14 12:25		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	129	mg/L	5.0	50		11/06/14 13:18	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	16800	mg/L	2500	250		11/10/14 07:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Sample: TRIP BLANK		Lab ID: 60181853002	Collected:	Received: 11/05/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND	ug/L	10.0	1		11/06/14 19:15	67-64-1	N2
Benzene	ND	ug/L	1.0	1		11/06/14 19:15	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		11/06/14 19:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/06/14 19:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/06/14 19:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/06/14 19:15	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		11/06/14 19:15	56-23-5	
Chloroethane	ND	ug/L	1.0	1		11/06/14 19:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/06/14 19:15	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/06/14 19:15	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/06/14 19:15	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/06/14 19:15	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/06/14 19:15	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		11/06/14 19:15	100-41-4	
Methylene chloride	2.1	ug/L	1.0	1		11/06/14 19:15	75-09-2	B,C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/06/14 19:15	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/06/14 19:15	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		11/06/14 19:15	127-18-4	
Toluene	ND	ug/L	1.0	1		11/06/14 19:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/06/14 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/06/14 19:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/06/14 19:15	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/06/14 19:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/06/14 19:15	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		11/06/14 19:15	460-00-4	
Toluene-d8 (S)	99 %		80-120	1		11/06/14 19:15	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		80-120	1		11/06/14 19:15	17060-07-0	
Preservation pH	6.0		1.0	1		11/06/14 19:15		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch: MERP/9019

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60181853001

METHOD BLANK: 1474307

Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/07/14 10:11	

LABORATORY CONTROL SAMPLE: 1474308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474309 1474310

Parameter	Units	60181835001		1474310		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	ug/L	13.2	150	150	102	110	59	65	70-130	8	20 M1

MATRIX SPIKE SAMPLE: 1474311

Parameter	Units	60181966001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	2.9	58	70-130	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch: MERP/9017

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60181853001

METHOD BLANK: 1474299

Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/07/14 09:53	

LABORATORY CONTROL SAMPLE: 1474300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474301 1474302

Parameter	Units	60181730001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury, Dissolved	ug/L	ND	150	150	89.1	81.6	59	54	70-130	9	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	MPRP/29681	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60181853001		

METHOD BLANK: 1474508 Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/07/14 14:35	
Antimony	ug/L	ND	10.0	11/07/14 14:35	
Arsenic	ug/L	ND	10.0	11/07/14 14:35	
Beryllium	ug/L	ND	1.0	11/07/14 14:35	
Cadmium	ug/L	ND	5.0	11/07/14 14:35	
Chromium	ug/L	ND	5.0	11/07/14 14:35	
Cobalt	ug/L	ND	5.0	11/07/14 14:35	
Copper	ug/L	ND	10.0	11/07/14 14:35	
Iron	ug/L	ND	50.0	11/07/14 14:35	
Lead	ug/L	ND	5.0	11/07/14 14:35	
Nickel	ug/L	ND	5.0	11/07/14 14:35	
Selenium	ug/L	ND	15.0	11/07/14 14:35	
Silver	ug/L	ND	7.0	11/07/14 14:35	
Thallium	ug/L	ND	20.0	11/07/14 14:35	
Zinc	ug/L	ND	50.0	11/07/14 14:35	

LABORATORY CONTROL SAMPLE: 1474509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	981	98	85-115	
Arsenic	ug/L	1000	933	93	85-115	
Beryllium	ug/L	1000	1020	102	85-115	
Cadmium	ug/L	1000	975	97	85-115	
Chromium	ug/L	1000	975	98	85-115	
Cobalt	ug/L	1000	999	100	85-115	
Copper	ug/L	1000	985	99	85-115	
Iron	ug/L	10000	9840	98	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	972	97	85-115	
Silver	ug/L	500	523	105	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	995	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1474510			1474511								
Parameter	Units	60181730001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Aluminum	ug/L	6410	50000	50000	59600	60800	106	109	70-130	2	20
Antimony	ug/L	ND	5000	5000	4960	4960	99	99	70-130	0	20
Arsenic	ug/L	303	5000	5000	5230	5240	99	99	70-130	0	20
Beryllium	ug/L	ND	5000	5000	4970	4990	99	100	70-130	0	20
Cadmium	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20
Chromium	ug/L	113	5000	5000	4950	4950	97	97	70-130	0	20
Cobalt	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20
Copper	ug/L	ND	5000	5000	4910	4910	97	97	70-130	0	20
Iron	ug/L	277000	50000	50000	338000	352000	122	151	70-130	4	20 M1
Lead	ug/L	71.2	5000	5000	4950	4940	98	97	70-130	0	20
Nickel	ug/L	69.3	5000	5000	4930	4920	97	97	70-130	0	20
Selenium	ug/L	ND	5000	5000	5090	5140	101	102	70-130	1	20
Silver	ug/L	ND	2500	2500	2710	2720	108	108	70-130	0	20
Thallium	ug/L	ND	5000	5000	4470	4440	89	89	70-130	1	20
Zinc	ug/L	2470	5000	5000	7180	7240	94	95	70-130	1	20

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch: MPRP/29683

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60181853001

METHOD BLANK: 1474523

Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/07/14 14:03	
Antimony, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Arsenic, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Beryllium, Dissolved	ug/L	ND	1.0	11/07/14 14:03	
Cadmium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Chromium, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Cobalt, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Copper, Dissolved	ug/L	ND	10.0	11/07/14 14:03	
Iron, Dissolved	ug/L	ND	50.0	11/07/14 14:03	
Lead, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Nickel, Dissolved	ug/L	ND	5.0	11/07/14 14:03	
Selenium, Dissolved	ug/L	ND	15.0	11/07/14 14:03	
Silver, Dissolved	ug/L	ND	7.0	11/07/14 14:03	
Thallium, Dissolved	ug/L	ND	20.0	11/07/14 14:03	
Zinc, Dissolved	ug/L	ND	50.0	11/07/14 14:03	

LABORATORY CONTROL SAMPLE: 1474524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	964	96	85-115	
Arsenic, Dissolved	ug/L	1000	939	94	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	961	96	85-115	
Chromium, Dissolved	ug/L	1000	969	97	85-115	
Cobalt, Dissolved	ug/L	1000	979	98	85-115	
Copper, Dissolved	ug/L	1000	953	95	85-115	
Iron, Dissolved	ug/L	10000	9680	97	85-115	
Lead, Dissolved	ug/L	1000	1020	102	85-115	
Nickel, Dissolved	ug/L	1000	1000	100	85-115	
Selenium, Dissolved	ug/L	1000	979	98	85-115	
Silver, Dissolved	ug/L	500	505	101	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Parameter	Units	1474525		1474526		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60181835001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	385	50000	50000	49400	50600	98	100	70-130	2	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5020	4980	100	99	70-130	1	20		
Arsenic, Dissolved	ug/L	211	5000	5000	5180	5030	99	96	70-130	3	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	5060	99	101	70-130	2	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	4960	4950	99	99	70-130	0	20		
Chromium, Dissolved	ug/L	59.1	5000	5000	4890	4910	97	97	70-130	0	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4870	4900	97	98	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	4810	4910	96	98	70-130	2	20		
Iron, Dissolved	ug/L	101000	50000	50000	156000	135000	109	68	70-130	14	20	M1	
Lead, Dissolved	ug/L	ND	5000	5000	4970	5040	99	101	70-130	1	20		
Nickel, Dissolved	ug/L	36.9	5000	5000	4980	4990	99	99	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5050	104	101	70-130	3	20		
Silver, Dissolved	ug/L	ND	2500	2500	2620	2660	105	106	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4680	92	94	70-130	2	20		
Zinc, Dissolved	ug/L	ND	5000	5000	5140	5060	98	96	70-130	2	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch: MSV/65575 Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low Analysis Description: 624 MSV
Associated Lab Samples: 60181853001, 60181853002

METHOD BLANK: 1473963 Matrix: Water

Associated Lab Samples: 60181853001, 60181853002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/06/14 15:24	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,2-Dichloroethane	ug/L	ND	1.0	11/06/14 15:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/06/14 15:24	
2-Butanone (MEK)	ug/L	ND	10.0	11/06/14 15:24	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/06/14 15:24	N2
Acetone	ug/L	ND	10.0	11/06/14 15:24	N2
Benzene	ug/L	ND	1.0	11/06/14 15:24	
Bromodichloromethane	ug/L	ND	1.0	11/06/14 15:24	
Bromoform	ug/L	ND	1.0	11/06/14 15:24	
Bromomethane	ug/L	ND	5.0	11/06/14 15:24	
Carbon tetrachloride	ug/L	ND	1.0	11/06/14 15:24	
Chloroethane	ug/L	ND	1.0	11/06/14 15:24	
Chloroform	ug/L	ND	1.0	11/06/14 15:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	N2
Ethylbenzene	ug/L	ND	1.0	11/06/14 15:24	
Methylene chloride	ug/L	2.2	1.0	11/06/14 15:24	
Tetrachloroethene	ug/L	ND	1.0	11/06/14 15:24	
Toluene	ug/L	ND	1.0	11/06/14 15:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Trichloroethene	ug/L	ND	1.0	11/06/14 15:24	
Vinyl chloride	ug/L	ND	1.0	11/06/14 15:24	
Xylene (Total)	ug/L	ND	3.0	11/06/14 15:24	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/06/14 15:24	
4-Bromofluorobenzene (S)	%	101	80-120	11/06/14 15:24	
Toluene-d8 (S)	%	100	80-120	11/06/14 15:24	

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	100	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.0	100	67-124	
1,2-Dichloroethane	ug/L	20	19.9	100	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	94	74-120	
2-Butanone (MEK)	ug/L	100	90.5	91	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	82.8	83	38-134	N2
Benzene	ug/L	20	18.9	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

LABORATORY CONTROL SAMPLE: 1473964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	18.3	92	65-127	
Bromomethane	ug/L	20	20.5	103	13-157	
Carbon tetrachloride	ug/L	20	19.2	96	70-131	
Chloroethane	ug/L	20	18.3	92	47-133	
Chloroform	ug/L	20	18.6	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	68-127	N2
Ethylbenzene	ug/L	20	18.7	94	74-122	
Methylene chloride	ug/L	20	17.7	88	64-129	
Tetrachloroethene	ug/L	20	18.4	92	73-125	
Toluene	ug/L	20	19.0	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.9	89	66-129	
Trichloroethene	ug/L	20	19.2	96	71-123	
Vinyl chloride	ug/L	20	20.1	100	43-129	
Xylene (Total)	ug/L	60	58.6	98	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1473965

Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	100	107	107	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	139	139	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	100	113	113	52-143	
1,2-Dichloroethane	ug/L	ND	100	105	105	49-144	
1,4-Dichlorobenzene	ug/L	8.7	100	109	101	33-140	
2-Butanone (MEK)	ug/L	ND	500	641	124	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	630	125	40-160	N2
Acetone	ug/L	52.1	500	643	118	10-160	N2
Benzene	ug/L	ND	100	101	100	37-151	
Bromodichloromethane	ug/L	ND	100	102	102	35-142	
Bromoform	ug/L	ND	100	111	111	45-142	
Bromomethane	ug/L	ND	100	109	109	10-158	
Carbon tetrachloride	ug/L	ND	100	109	109	70-140	
Chloroethane	ug/L	ND	100	95.6	96	19-152	
Chloroform	ug/L	ND	100	97.7	98	51-138	
cis-1,2-Dichloroethene	ug/L	ND	100	106	106	34-147	N2
Ethylbenzene	ug/L	ND	100	97.0	97	40-142	
Methylene chloride	ug/L	19.4	100	107	88	31-144	
Tetrachloroethene	ug/L	ND	100	106	106	64-148	
Toluene	ug/L	ND	100	101	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	100	106	106	54-151	
Trichloroethene	ug/L	ND	100	101	101	71-149	
Vinyl chloride	ug/L	ND	100	115	115	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

MATRIX SPIKE SAMPLE:		1473965					
Parameter	Units	60181592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	300	309	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				109	80-120	
4-Bromofluorobenzene (S)	%				106	80-120	F1
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057
Pace Project No.: 60181853

QC Batch: OEXT/47007 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60181853001

METHOD BLANK: 1474067 Matrix: Water
Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/11/14 16:38	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/11/14 16:38	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/11/14 16:38	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/11/14 16:38	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/11/14 16:38	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/11/14 16:38	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/11/14 16:38	
Hexachloroethane	ug/L	ND	5.0	11/11/14 16:38	
Naphthalene	ug/L	ND	5.0	11/11/14 16:38	
Nitrobenzene	ug/L	ND	5.0	11/11/14 16:38	
Pentachlorophenol	ug/L	ND	5.0	11/11/14 16:38	
Phenol	ug/L	ND	5.0	11/11/14 16:38	
2,4,6-Tribromophenol (S)	%	91	39-120	11/11/14 16:38	
2-Fluorobiphenyl (S)	%	92	39-120	11/11/14 16:38	
2-Fluorophenol (S)	%	39	17-120	11/11/14 16:38	
Nitrobenzene-d5 (S)	%	89	33-120	11/11/14 16:38	
Phenol-d6 (S)	%	23	11-120	11/11/14 16:38	
Terphenyl-d14 (S)	%	98	45-120	11/11/14 16:38	

LABORATORY CONTROL SAMPLE: 1474068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.2	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.4	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	35.3	71	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	32.3	65	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	52.4	105	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.2	76	44-116	
Hexachlorocyclopentadiene	ug/L	100	43.7	44	24-120	
Hexachloroethane	ug/L	50	36.0	72	43-113	
Naphthalene	ug/L	50	39.8	80	48-120	
Nitrobenzene	ug/L	50	39.5	79	48-120	
Pentachlorophenol	ug/L	50	53.2	106	47-120	
Phenol	ug/L	50	14.2	28	16-112	
2,4,6-Tribromophenol (S)	%			94	39-120	
2-Fluorobiphenyl (S)	%			88	39-120	
2-Fluorophenol (S)	%			41	17-120	
Nitrobenzene-d5 (S)	%			83	33-120	
Phenol-d6 (S)	%			27	11-120	
Terphenyl-d14 (S)	%			99	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

MATRIX SPIKE SAMPLE:		1474069					
Parameter	Units	60181868001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	42.0	84	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	45.5	91	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	37.6	75	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	33.7	67	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	49.1	98	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	39.1	78	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	43.4	43	11-120	
Hexachloroethane	ug/L	ND	50	40.1	80	40-113	
Naphthalene	ug/L	ND	50	40.8	82	45-120	
Nitrobenzene	ug/L	ND	50	40.9	82	38-120	
Pentachlorophenol	ug/L	ND	50	56.2	110	43-135	
Phenol	ug/L	ND	50	16.2	32	13-112	
2,4,6-Tribromophenol (S)	%				90	39-120	
2-Fluorobiphenyl (S)	%				86	39-120	
2-Fluorophenol (S)	%				46	17-120	
Nitrobenzene-d5 (S)	%				86	33-120	
Phenol-d6 (S)	%				31	11-120	
Terphenyl-d14 (S)	%				98	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WET/51408	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60181853001		

METHOD BLANK: 1474750 Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/07/14 08:23	

LABORATORY CONTROL SAMPLE: 1474751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	37.9	95	78-114	

MATRIX SPIKE SAMPLE: 1474752

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	348	40	372	60	78-114	M1

SAMPLE DUPLICATE: 1474753

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.93J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WET/51410	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60181853001		

METHOD BLANK: 1474762 Matrix: Water
Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/07/14 08:30	

LABORATORY CONTROL SAMPLE: 1474763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.9	110	64-132	

MATRIX SPIKE SAMPLE: 1474764

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	20	13.5	56	64-132	M1

SAMPLE DUPLICATE: 1474765

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	1.3J		34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WET/51396	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60181853001		

METHOD BLANK: 1474296 Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/06/14 14:19	

SAMPLE DUPLICATE: 1474297

Parameter	Units	60181852004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1290	1130	13	10	D6

SAMPLE DUPLICATE: 1474298

Parameter	Units	60181878001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	172	156	10	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch: WET/51429 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60181853001

SAMPLE DUPLICATE: 1475855

Parameter	Units	60181835001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WET/51379	Analysis Method:	SM 5210B
QC Batch Method:	SM 5210B	Analysis Description:	5210B BOD, 5 day
Associated Lab Samples:	60181853001		

METHOD BLANK: 1473442 Matrix: Water
Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/10/14 11:51	

LABORATORY CONTROL SAMPLE: 1473443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	173	87	85-115	

SAMPLE DUPLICATE: 1473444

Parameter	Units	60181837003 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	ND	ND		17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WETA/31691	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60181853001		

METHOD BLANK: 1473868 Matrix: Water
Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/06/14 12:44	

LABORATORY CONTROL SAMPLE: 1473869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1473870

Parameter	Units	60181540002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.8	91	90-110	

MATRIX SPIKE SAMPLE: 1473871

Parameter	Units	60181549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.9	95	90-110	

SAMPLE DUPLICATE: 1473872

Parameter	Units	60181592002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	79.0	77.8	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

QC Batch:	WETA/31702	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60181853001		

METHOD BLANK: 1474654 Matrix: Water

Associated Lab Samples: 60181853001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/10/14 07:03	

LABORATORY CONTROL SAMPLE: 1474655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	51.8	104	90-110	

MATRIX SPIKE SAMPLE: 1474656

Parameter	Units	60181835001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16900	12500	28000	89	90-110	M1

MATRIX SPIKE SAMPLE: 1474658

Parameter	Units	60181672003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	ND	50	55.0	100	90-110	

SAMPLE DUPLICATE: 1474657

Parameter	Units	60181853001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	16800	16700	1	25	

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QUALIFIERS

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

C9 Common Laboratory Contaminant.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

F1 The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-057

Pace Project No.: 60181853

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60181853001	T1-057	EPA 200.7	MPRP/29681	EPA 200.7	ICP/22248
60181853001	T1-057	EPA 200.7	MPRP/29683	EPA 200.7	ICP/22246
60181853001	T1-057	EPA 245.1	MERP/9019	EPA 245.1	MERC/8968
60181853001	T1-057	EPA 245.1	MERP/9017	EPA 245.1	MERC/8967
60181853001	T1-057	EPA 625	OEXT/47007	EPA 625	MSSV/15154
60181853001	T1-057	EPA 624 Low	MSV/65575		
60181853002	TRIP BLANK	EPA 624 Low	MSV/65575		
60181853001	T1-057	EPA 1664A	WET/51408		
60181853001	T1-057	EPA 1664A	WET/51410		
60181853001	T1-057	SM 2540D	WET/51396		
60181853001	T1-057	SM 4500-H+B	WET/51429		
60181853001	T1-057	SM 5210B	WET/51379	SM 5210B	WET/51454
60181853001	T1-057	EPA 350.1	WETA/31691		
60181853001	T1-057	EPA 410.4	WETA/31702		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60181853
60181853

Client Name: BARD

Courier: Fed Ex UPS USPS Client Commercial Pace Other Express

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other EPCC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 3.8

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: RSR

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>pH BOD</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses <u>Y</u> Matrix: <u>water</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>082514</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/14



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR		Attention: AMY HARGROVE/BRIAN POWER	
Address:		Copy To: SCOTT FEDAK/FEEZOR		Company Name: REPUBLIC SERVICES	
		DANA BAKER/MARGARET TREANOR -BARR		Address: BRIDGETON, MO 63044	
Email To:		Purchase Order No:		Pace Quote Reference: 130426 7588	
Phone: (816) 285-8410 Fax:		Client Project ID: BRIDGETON LF		Pace Project Manager: Brown, Angie	
Requested Due Date/TAT: 10 Day (Default)		Container Order Number:		Pace Profile #: 7585 LINE 2	
				Regulatory Agency	
				State / Location	
				Missouri	

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique	MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analyses Test Y/N	Requested Analysis Filtered (Y/N)													Residual Chlorine (Y/N)			
			START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	COD EPA 410	pH SM 4500H+B		LF DIS METALS 200.7/245	TOTAL METALS 200.7/245	AMMONIA EPA 350	O/G EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	TPH/HEM-SGT 1664	BOD SM 5210B								
			DATE	TIME	DATE	TIME																														
1	TI-057 (2 BP2u)	OT G	11/4/14	0741			15	10	4	1	0	1	(BP3U)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3	(A635) (LBP35) (BP3M) 6.5	
2	TRIP BLANK						2	2																												
3																																				
4																																				
5																																				
6																																				
7																																				
8																																				
9																																				
10																																				
11																																				
12																																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	Angela FET	11-4-14	12:40P	Joe Robinson 663	11/4	13:40	
SITE ADDRESS: BRIDGETON LF				Ben Burg	11/5/14	2:40	3.8 Y Y Y
13570 ST CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:	DATE Signed: 11/4/14				

60181853

115
P.5
BP3
5(DG9R)
u

11/5/14

METALS LIST total & LF Dis:
Al,Sb,As,Be,Cd,Cr,
Co,Cu,Fe,Pb,Ni,Se,Ag,Ti,Zn
and Mercury

November 13, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

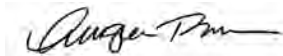
RE: Project: BRIDGETON LF T1-058
Pace Project No.: 60182025

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 06, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182025001	T1-058	Water	11/05/14 09:41	11/06/14 01:40
60182025002	TRIP BLANK	Water	11/05/14 09:41	11/06/14 01:40

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182025001	T1-058	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182025002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Sample: T1-058		Lab ID: 60182025001	Collected: 11/05/14 09:41	Received: 11/06/14 01:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	5370 ug/L		375	1	11/11/14 18:00	11/12/14 12:54	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 12:54	7440-36-0	
Arsenic	351 ug/L		50.0	1	11/11/14 18:00	11/12/14 12:54	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 12:54	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 12:54	7440-43-9	
Chromium	103 ug/L		25.0	1	11/11/14 18:00	11/12/14 12:54	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 12:54	7440-48-4	
Copper	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 12:54	7440-50-8	
Iron	293000 ug/L		250	1	11/11/14 18:00	11/12/14 12:54	7439-89-6	M1
Lead	34.6 ug/L		25.0	1	11/11/14 18:00	11/12/14 12:54	7439-92-1	
Nickel	41.8 ug/L		25.0	1	11/11/14 18:00	11/12/14 12:54	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 12:54	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 12:54	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 12:54	7440-28-0	
Zinc	2180 ug/L		250	1	11/11/14 18:00	11/12/14 12:54	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/10/14 17:45	11/11/14 13:13	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:13	7440-36-0	
Arsenic, Dissolved	241 ug/L		50.0	1	11/10/14 17:45	11/11/14 13:13	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/10/14 17:45	11/11/14 13:13	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:13	7440-43-9	
Chromium, Dissolved	63.6 ug/L		25.0	1	11/10/14 17:45	11/11/14 13:13	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:13	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:13	7440-50-8	
Iron, Dissolved	77400 ug/L		250	1	11/10/14 17:45	11/11/14 13:13	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:13	7439-92-1	
Nickel, Dissolved	43.1 ug/L		25.0	1	11/10/14 17:45	11/11/14 13:13	7440-02-0	D9
Selenium, Dissolved	ND ug/L		75.0	1	11/10/14 17:45	11/11/14 13:13	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/10/14 17:45	11/11/14 13:13	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/10/14 17:45	11/11/14 13:13	7440-28-0	
Zinc, Dissolved	260 ug/L		250	1	11/10/14 17:45	11/11/14 13:13	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	11.4 ug/L		6.0	1	11/08/14 12:15	11/10/14 08:21	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	6.4 ug/L		6.0	1	11/11/14 12:00	11/11/14 15:24	7439-97-6	M1
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 10:45	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 10:45	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2300 ug/L		2000	1	11/12/14 00:00	11/13/14 10:45		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Sample: T1-058	Lab ID: 60182025001	Collected: 11/05/14 09:41	Received: 11/06/14 01:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	87-86-5	L3,M0
Phenol	3170 ug/L		500	1	11/12/14 00:00	11/13/14 10:45	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 10:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	94 %		33-120	1	11/12/14 00:00	11/13/14 10:45	4165-60-0	
2-Fluorobiphenyl (S)	86 %		39-120	1	11/12/14 00:00	11/13/14 10:45	321-60-8	
Terphenyl-d14 (S)	102 %		45-120	1	11/12/14 00:00	11/13/14 10:45	1718-51-0	
Phenol-d6 (S)	31 %		11-120	1	11/12/14 00:00	11/13/14 10:45	13127-88-3	
2-Fluorophenol (S)	47 %		17-120	1	11/12/14 00:00	11/13/14 10:45	367-12-4	
2,4,6-Tribromophenol (S)	89 %		39-120	1	11/12/14 00:00	11/13/14 10:45	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	52200 ug/L		1000	100		11/10/14 17:05	67-64-1	N2
Benzene	ND ug/L		100	100		11/10/14 17:05	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/10/14 17:05	75-27-4	
Bromoform	ND ug/L		100	100		11/10/14 17:05	75-25-2	
Bromomethane	ND ug/L		500	100		11/10/14 17:05	74-83-9	
2-Butanone (MEK)	26500 ug/L		1000	100		11/10/14 17:05	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/10/14 17:05	56-23-5	
Chloroethane	ND ug/L		100	100		11/10/14 17:05	75-00-3	
Chloroform	ND ug/L		100	100		11/10/14 17:05	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/10/14 17:05	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/10/14 17:05	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:05	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:05	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/10/14 17:05	100-41-4	
Methylene chloride	ND ug/L		100	100		11/10/14 17:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/10/14 17:05	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/10/14 17:05	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/10/14 17:05	127-18-4	
Toluene	ND ug/L		100	100		11/10/14 17:05	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/10/14 17:05	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/10/14 17:05	79-00-5	
Trichloroethene	ND ug/L		100	100		11/10/14 17:05	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/10/14 17:05	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/10/14 17:05	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	96 %		80-120	100		11/10/14 17:05	460-00-4	
Toluene-d8 (S)	99 %		80-120	100		11/10/14 17:05	2037-26-5	
1,2-Dichloroethane-d4 (S)	98 %		80-120	100		11/10/14 17:05	17060-07-0	
Preservation pH	6.0		1.0	100		11/10/14 17:05		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	180 mg/L		5.0	1		11/07/14 08:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Sample: T1-058		Lab ID: 60182025001	Collected: 11/05/14 09:41	Received: 11/06/14 01:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	ND	mg/L	5.0	1		11/07/14 08:31		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	1820	mg/L	5.0	1		11/07/14 08:15		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/08/14 11:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	6790	mg/L	2.0	1	11/06/14 15:10	11/11/14 15:11		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	131	mg/L	5.0	50		11/13/14 11:13	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	17200	mg/L	2500	250		11/11/14 08:03		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Sample: TRIP BLANK		Lab ID: 60182025002	Collected: 11/05/14 09:41	Received: 11/06/14 01:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/10/14 18:02	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/10/14 18:02	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/10/14 18:02	75-27-4	
Bromoform	ND ug/L		1.0	1		11/10/14 18:02	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/10/14 18:02	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/10/14 18:02	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/10/14 18:02	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/10/14 18:02	75-00-3	
Chloroform	ND ug/L		1.0	1		11/10/14 18:02	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/10/14 18:02	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/10/14 18:02	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 18:02	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 18:02	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/10/14 18:02	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/10/14 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/10/14 18:02	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/10/14 18:02	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/10/14 18:02	127-18-4	
Toluene	ND ug/L		1.0	1		11/10/14 18:02	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/10/14 18:02	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/10/14 18:02	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/10/14 18:02	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/10/14 18:02	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/10/14 18:02	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	1		11/10/14 18:02	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/10/14 18:02	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	1		11/10/14 18:02	17060-07-0	
Preservation pH	6.0		1.0	1		11/10/14 18:02		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: MERP/9028

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182025001

METHOD BLANK: 1475834

Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/10/14 08:17	

LABORATORY CONTROL SAMPLE: 1475835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	91	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475836 1475837

Parameter	Units	60182025001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	11.4	150	150	99.6	100	59	59	70-130	1	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475838 1475839

Parameter	Units	60182228001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	9.8	150	150	103	101	62	61	70-130	2	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: MERP/9032

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182025001

METHOD BLANK: 1476514

Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/11/14 15:20	

LABORATORY CONTROL SAMPLE: 1476515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476516 1476517

Parameter	Units	60182025001		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury, Dissolved	ug/L	6.4	150	150	150	95.1	96.6	59	60	70-130	2	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058
Pace Project No.: 60182025

QC Batch: MPRP/29738 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60182025001

METHOD BLANK: 1476938 Matrix: Water
Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476940			1476941							
Parameter	Units	60182025001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD		
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20	
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20	
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20	
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20	
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20	
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20	
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20	
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20	
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20	
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20	
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20	
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: MPRP/29721

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182025001

METHOD BLANK: 1476408

Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/11/14 13:09	
Antimony, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Arsenic, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Beryllium, Dissolved	ug/L	ND	1.0	11/11/14 13:09	
Cadmium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Chromium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Cobalt, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Copper, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Iron, Dissolved	ug/L	ND	50.0	11/11/14 13:09	
Lead, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Nickel, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Selenium, Dissolved	ug/L	ND	15.0	11/11/14 13:09	
Silver, Dissolved	ug/L	ND	7.0	11/11/14 13:09	
Thallium, Dissolved	ug/L	ND	20.0	11/11/14 13:09	
Zinc, Dissolved	ug/L	ND	50.0	11/11/14 13:09	

LABORATORY CONTROL SAMPLE: 1476409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	950	95	85-115	
Beryllium, Dissolved	ug/L	1000	985	99	85-115	
Cadmium, Dissolved	ug/L	1000	959	96	85-115	
Chromium, Dissolved	ug/L	1000	931	93	85-115	
Cobalt, Dissolved	ug/L	1000	983	98	85-115	
Copper, Dissolved	ug/L	1000	935	94	85-115	
Iron, Dissolved	ug/L	10000	9290	93	85-115	
Lead, Dissolved	ug/L	1000	977	98	85-115	
Nickel, Dissolved	ug/L	1000	982	98	85-115	
Selenium, Dissolved	ug/L	1000	959	96	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	977	98	85-115	
Zinc, Dissolved	ug/L	1000	958	96	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Parameter	Units	60182228001		MS		MSD		1476410		1476411		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec								
Aluminum, Dissolved	ug/L	ND	50000	50000	49600	49800	99	99	70-130	0	20					
Antimony, Dissolved	ug/L	ND	5000	5000	5080	5100	101	102	70-130	0	20					
Arsenic, Dissolved	ug/L	239	5000	5000	5310	5400	101	103	70-130	2	20					
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	4910	99	98	70-130	1	20					
Cadmium, Dissolved	ug/L	ND	5000	5000	4980	5000	100	100	70-130	0	20					
Chromium, Dissolved	ug/L	60.2	5000	5000	4840	4840	96	96	70-130	0	20					
Cobalt, Dissolved	ug/L	ND	5000	5000	4890	4900	98	98	70-130	0	20					
Copper, Dissolved	ug/L	ND	5000	5000	4780	4790	96	96	70-130	0	20					
Iron, Dissolved	ug/L	57100	50000	50000	103000	107000	91	100	70-130	4	20					
Lead, Dissolved	ug/L	ND	5000	5000	4740	4740	95	95	70-130	0	20					
Nickel, Dissolved	ug/L	41.6	5000	5000	4910	4910	97	97	70-130	0	20					
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5220	104	104	70-130	0	20					
Silver, Dissolved	ug/L	ND	2500	2500	2490	2490	100	100	70-130	0	20					
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4530	91	91	70-130	0	20					
Zinc, Dissolved	ug/L	283	5000	5000	5080	5100	96	96	70-130	0	20					

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: MSV/65649 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182025001, 60182025002

METHOD BLANK: 1476181 Matrix: Water

Associated Lab Samples: 60182025001, 60182025002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 13:19	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 13:19	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 13:19	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 13:19	N2
Acetone	ug/L	ND	10.0	11/10/14 13:19	N2
Benzene	ug/L	ND	1.0	11/10/14 13:19	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 13:19	
Bromoform	ug/L	ND	1.0	11/10/14 13:19	
Bromomethane	ug/L	ND	5.0	11/10/14 13:19	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 13:19	
Chloroethane	ug/L	ND	1.0	11/10/14 13:19	
Chloroform	ug/L	ND	1.0	11/10/14 13:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 13:19	
Methylene chloride	ug/L	ND	1.0	11/10/14 13:19	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 13:19	
Toluene	ug/L	ND	1.0	11/10/14 13:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Trichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Vinyl chloride	ug/L	ND	1.0	11/10/14 13:19	
Xylene (Total)	ug/L	ND	3.0	11/10/14 13:19	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	11/10/14 13:19	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 13:19	
Toluene-d8 (S)	%	101	80-120	11/10/14 13:19	

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.9	99	67-124	
1,2-Dichloroethane	ug/L	20	19.6	98	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.8	90	59-131	N2
Acetone	ug/L	100	89.7	90	38-134	N2
Benzene	ug/L	20	19.8	99	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.4	97	68-125	
Bromoform	ug/L	20	19.7	99	65-127	
Bromomethane	ug/L	20	21.1	105	13-157	
Carbon tetrachloride	ug/L	20	18.9	94	70-131	
Chloroethane	ug/L	20	22.2	111	47-133	
Chloroform	ug/L	20	19.1	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	68-127	N2
Ethylbenzene	ug/L	20	20.1	101	74-122	
Methylene chloride	ug/L	20	19.7	98	64-129	
Tetrachloroethene	ug/L	20	20.2	101	73-125	
Toluene	ug/L	20	19.7	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	19.6	98	71-123	
Vinyl chloride	ug/L	20	22.6	113	43-129	
Xylene (Total)	ug/L	60	60.5	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1476183

Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2070	104	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	1890	94	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	1910	96	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1870	93	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2080	101	33-140	
2-Butanone (MEK)	ug/L	26500	10000	34600	81	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	8690	83	40-160	N2
Acetone	ug/L	52200	10000	60100	79	10-160	N2
Benzene	ug/L	ND	2000	1930	96	37-151	
Bromodichloromethane	ug/L	ND	2000	1880	94	35-142	
Bromoform	ug/L	ND	2000	1850	92	45-142	
Bromomethane	ug/L	ND	2000	1960	98	10-158	
Carbon tetrachloride	ug/L	ND	2000	2060	103	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1860	93	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1920	96	34-147	N2
Ethylbenzene	ug/L	ND	2000	2060	103	40-142	
Methylene chloride	ug/L	ND	2000	1870	93	31-144	
Tetrachloroethene	ug/L	ND	2000	2110	106	64-148	
Toluene	ug/L	ND	2000	2010	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2010	101	54-151	
Trichloroethene	ug/L	ND	2000	1960	98	71-149	
Vinyl chloride	ug/L	ND	2000	2300	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

MATRIX SPIKE SAMPLE:		1476183					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6180	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058
Pace Project No.: 60182025

QC Batch: OEXT/47080 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60182025001

METHOD BLANK: 1477165 Matrix: Water
Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch:	WET/51408	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182025001		

METHOD BLANK: 1474750 Matrix: Water
Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/07/14 08:23	

LABORATORY CONTROL SAMPLE: 1474751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	37.9	95	78-114	

MATRIX SPIKE SAMPLE: 1474752

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	348	40	372	60	78-114	M1

SAMPLE DUPLICATE: 1474753

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.93J		18	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch:	WET/51410	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60182025001		

METHOD BLANK: 1474762 Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/07/14 08:30	

LABORATORY CONTROL SAMPLE: 1474763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.9	110	64-132	

MATRIX SPIKE SAMPLE: 1474764

Parameter	Units	60181906001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	20	13.5	56	64-132	M1

SAMPLE DUPLICATE: 1474765

Parameter	Units	60181986002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	1.3J		34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch:	WET/51404	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182025001		

METHOD BLANK: 1474721 Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/07/14 08:10	

SAMPLE DUPLICATE: 1474722

Parameter	Units	60182088001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1474723

Parameter	Units	60181945001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: WET/51429 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182025001

SAMPLE DUPLICATE: 1475855

Parameter	Units	60181835001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: WET/51395

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182025001

METHOD BLANK: 1474293

Matrix: Water

Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/11/14 14:35	

LABORATORY CONTROL SAMPLE: 1474294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	169	85	85-115	

SAMPLE DUPLICATE: 1474295

Parameter	Units	60182020001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	38.5	34.6	11	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch: WETA/31802 Analysis Method: EPA 350.1
 QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
 Associated Lab Samples: 60182025001

METHOD BLANK: 1477804 Matrix: Water
 Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 10:42	

LABORATORY CONTROL SAMPLE: 1477805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477806

Parameter	Units	60181823001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	25.7	20	40.9	76	90-110	M1

MATRIX SPIKE SAMPLE: 1477807

Parameter	Units	60181823003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	27.0	20	42.1	75	90-110	M1

SAMPLE DUPLICATE: 1477808

Parameter	Units	60181829001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.73	0.73	1	18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

QC Batch:	WETA/31703	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182025001		

METHOD BLANK: 1474659 Matrix: Water
Associated Lab Samples: 60182025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/11/14 07:49	

LABORATORY CONTROL SAMPLE: 1474660

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	51.0	102	90-110	

MATRIX SPIKE SAMPLE: 1474661

Parameter	Units	60181672013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	ND	50	56.9	100	90-110	

MATRIX SPIKE SAMPLE: 1474663

Parameter	Units	60181672023 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	147	50	189	84	90-110	M1

SAMPLE DUPLICATE: 1474662

Parameter	Units	60181672015 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	ND	8.9J		25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D9 Dissolved result is greater than the total. Data is within laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-058

Pace Project No.: 60182025

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182025001	T1-058	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182025001	T1-058	EPA 200.7	MPRP/29721	EPA 200.7	ICP/22270
60182025001	T1-058	EPA 245.1	MERP/9028	EPA 245.1	MERC/8978
60182025001	T1-058	EPA 245.1	MERP/9032	EPA 245.1	MERC/8986
60182025001	T1-058	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182025001	T1-058	EPA 624 Low	MSV/65649		
60182025002	TRIP BLANK	EPA 624 Low	MSV/65649		
60182025001	T1-058	EPA 1664A	WET/51408		
60182025001	T1-058	EPA 1664A	WET/51410		
60182025001	T1-058	SM 2540D	WET/51404		
60182025001	T1-058	SM 4500-H+B	WET/51429		
60182025001	T1-058	SM 5210B	WET/51395	SM 5210B	WET/51488
60182025001	T1-058	EPA 350.1	WETA/31802		
60182025001	T1-058	EPA 410.4	WETA/31703		

REPORT OF LABORATORY ANALYSIS

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WO#: 60182025



60182025



Sample Condition Upon Receipt

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PK

Thermometer Used: T-235 / T-194 Type of Ice: Yes Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 2.4

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 11/6/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BP3PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Includes date/time/ID/analyses Matrix: <u>WT</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 2.5 ml of HNO3 to BP3PH. 6.0/2.5. BP35 6.0</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: <u>VOA</u> coliform, TOC, <u>D&C</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>PN</u> Lot # of added preservative <u>12513</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/6/14



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A	Section B	Section C	
Required Client Information:		Invoice Information:	
Company: BARR ENGINEERING	Report To: ED GALBRAITH/BARR	Attention: AMY HARGROVE/BRIAN POWER	
Address:	Copy To: SCOTT FEDAK/FEEZOR	Company Name: REPUBLIC SERVICES	
	DANA BAKER/MARGARET TREANOR -BARR	Address: BRIDGETON, MO 63044	Regulatory Agency
Email To:	Purchase Order No.	Pace Quote Reference: 130426_7588	
Phone: (816) 285-8410 Fax	Client Project ID: BRIDGETON LF	Pace Project Manager: Brown, Angie	State / Location
Requested Due Date/TAT: 10 Day (Default)	Container Order Number:	Pace Profile #: 7585 LINE 2	Missouri

ITEM#	SAMPLE ID <small>One Character per box. (A-Z, 0-9 / , -) Sample IDs must be unique</small>	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	Preservatives										Analyses Test Y/N	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)		
				START		END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	COD EPA 410	pH SM 4500H+B		LF DIS METALS 200 7/245	TOTAL METALS 200 7/245	AMMONIA EPA 350	O/G EPA 1664	625 SVOCS	VOCs EPA 824	TSS SM2540D	TPH/HEM-SGT 1664	BOD SM 5210B					
				DATE	TIME	DATE	TIME		# OF CONTAINERS																								
1	T1-058 2AG4U 1B23U 3AG3S	OT	G	11/5/14	0941			15	10	4	1	0	1B23S		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1B23A ²⁵	2B22U 5061U (S)	2D69U (S)	
2	TRIP BLANK							2	2																								
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

METALS LIST total & LF Dis:
Al, Sb, As, Be, Cd, Cr,
Co, Cu, Fe, Pb, Ni, Se, Ag, Tl, Zn
and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Stacy Valer FEI	11-5-14	12:35	William Abernathy	11-5-14	12:35				
SITE ADDRESS: BRIDGETON LF				PHRASE	11/6/14	0140	2-4	Y	Y	Y
13570 ST CHARLES ROCK RD										
BRIDGETON MO 63044										

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	WILLIAM ABERNATHY				
SIGNATURE of SAMPLER:	<i>[Signature]</i>	DATE Signed:	11/5/14		

November 14, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-059
Pace Project No.: 60182122

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182122001	T1-059	Water	11/06/14 07:30	11/07/14 01:30
60182122002	TRIP BLANK	Water		11/07/14 01:30

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182122001	T1-059	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
60182122002	TRIP BLANK	EPA 624 Low	EAK	28

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Sample: T1-059	Lab ID: 60182122001	Collected: 11/06/14 07:30	Received: 11/07/14 01:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	4610 ug/L		375	1	11/11/14 18:00	11/12/14 13:06	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:06	7440-36-0	
Arsenic	375 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:06	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 13:06	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:06	7440-43-9	
Chromium	110 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:06	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:06	7440-48-4	
Copper	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:06	7440-50-8	
Iron	312000 ug/L		250	1	11/11/14 18:00	11/12/14 13:06	7439-89-6	
Lead	28.2 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:06	7439-92-1	
Nickel	46.5 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:06	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 13:06	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 13:06	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 13:06	7440-28-0	
Zinc	2370 ug/L		250	1	11/11/14 18:00	11/12/14 13:06	7440-66-6	
200.7 Metals, Dissolved (LF) Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	2180 ug/L		375	1	11/10/14 17:45	11/11/14 13:16	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:16	7440-36-0	
Arsenic, Dissolved	276 ug/L		50.0	1	11/10/14 17:45	11/11/14 13:16	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/10/14 17:45	11/11/14 13:16	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:16	7440-43-9	
Chromium, Dissolved	87.2 ug/L		25.0	1	11/10/14 17:45	11/11/14 13:16	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:16	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:16	7440-50-8	
Iron, Dissolved	35400 ug/L		250	1	11/10/14 17:45	11/11/14 13:16	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:16	7439-92-1	
Nickel, Dissolved	48.5 ug/L		25.0	1	11/10/14 17:45	11/14/14 11:03	7440-02-0	D9
Selenium, Dissolved	ND ug/L		75.0	1	11/10/14 17:45	11/11/14 13:16	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/10/14 17:45	11/11/14 13:16	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/10/14 17:45	11/11/14 13:16	7440-28-0	
Zinc, Dissolved	484 ug/L		250	1	11/10/14 17:45	11/11/14 13:16	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND ug/L		0.20	1	11/08/14 12:15	11/10/14 08:57	7439-97-6	
245.1 Mercury, Dissolved (LF) Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND ug/L		6.0	1	11/12/14 17:05	11/13/14 09:54	7439-97-6	
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 11:06	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 11:06	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2210 ug/L		2000	1	11/12/14 00:00	11/13/14 11:06		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Sample: T1-059 **Lab ID: 60182122001** Collected: 11/06/14 07:30 Received: 11/07/14 01:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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625 MSSV

Analytical Method: EPA 625 Preparation Method: EPA 625

Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	87-86-5	L3
Phenol	3030 ug/L		500	1	11/12/14 00:00	11/13/14 11:06	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:06	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	102 %		33-120	1	11/12/14 00:00	11/13/14 11:06	4165-60-0	
2-Fluorobiphenyl (S)	94 %		39-120	1	11/12/14 00:00	11/13/14 11:06	321-60-8	
Terphenyl-d14 (S)	112 %		45-120	1	11/12/14 00:00	11/13/14 11:06	1718-51-0	
Phenol-d6 (S)	33 %		11-120	1	11/12/14 00:00	11/13/14 11:06	13127-88-3	
2-Fluorophenol (S)	49 %		17-120	1	11/12/14 00:00	11/13/14 11:06	367-12-4	
2,4,6-Tribromophenol (S)	96 %		39-120	1	11/12/14 00:00	11/13/14 11:06	118-79-6	

624 Volatile Organics

Analytical Method: EPA 624 Low

Acetone	58200 ug/L		1000	100		11/10/14 17:34	67-64-1	N2
Benzene	ND ug/L		100	100		11/10/14 17:34	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/10/14 17:34	75-27-4	
Bromoform	ND ug/L		100	100		11/10/14 17:34	75-25-2	
Bromomethane	ND ug/L		500	100		11/10/14 17:34	74-83-9	
2-Butanone (MEK)	29400 ug/L		1000	100		11/10/14 17:34	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/10/14 17:34	56-23-5	
Chloroethane	ND ug/L		100	100		11/10/14 17:34	75-00-3	
Chloroform	ND ug/L		100	100		11/10/14 17:34	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/10/14 17:34	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/10/14 17:34	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:34	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:34	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/10/14 17:34	100-41-4	
Methylene chloride	ND ug/L		100	100		11/10/14 17:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/10/14 17:34	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/10/14 17:34	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/10/14 17:34	127-18-4	
Toluene	ND ug/L		100	100		11/10/14 17:34	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/10/14 17:34	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/10/14 17:34	79-00-5	
Trichloroethene	ND ug/L		100	100		11/10/14 17:34	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/10/14 17:34	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/10/14 17:34	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	100		11/10/14 17:34	460-00-4	
Toluene-d8 (S)	101 %		80-120	100		11/10/14 17:34	2037-26-5	
1,2-Dichloroethane-d4 (S)	96 %		80-120	100		11/10/14 17:34	17060-07-0	
Preservation pH	6.0		1.0	100		11/10/14 17:34		

HEM, Oil and Grease

Analytical Method: EPA 1664A

Oil and Grease	180 mg/L		5.0	1		11/10/14 08:30		
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Sample: T1-059		Lab ID: 60182122001	Collected: 11/06/14 07:30	Received: 11/07/14 01:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	13.5	mg/L	5.0	1		11/10/14 08:37		
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	3180	mg/L	5.0	1		11/11/14 09:40		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.1	Std. Units	0.10	1		11/08/14 11:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	7380	mg/L	2.0	1	11/07/14 14:46	11/12/14 18:51		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	132	mg/L	5.0	50		11/13/14 11:14	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	17500	mg/L	2500	250		11/12/14 09:04		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Sample: TRIP BLANK		Lab ID: 60182122002	Collected:	Received: 11/07/14 01:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND	ug/L	10.0	1		11/10/14 18:16	67-64-1	N2
Benzene	ND	ug/L	1.0	1		11/10/14 18:16	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		11/10/14 18:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/10/14 18:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/10/14 18:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		11/10/14 18:16	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		11/10/14 18:16	56-23-5	
Chloroethane	ND	ug/L	1.0	1		11/10/14 18:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/10/14 18:16	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/10/14 18:16	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/10/14 18:16	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/10/14 18:16	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/10/14 18:16	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		11/10/14 18:16	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		11/10/14 18:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		11/10/14 18:16	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/10/14 18:16	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		11/10/14 18:16	127-18-4	
Toluene	ND	ug/L	1.0	1		11/10/14 18:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/10/14 18:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/10/14 18:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/10/14 18:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		11/10/14 18:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		11/10/14 18:16	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/10/14 18:16	460-00-4	
Toluene-d8 (S)	99 %		80-120	1		11/10/14 18:16	2037-26-5	
1,2-Dichloroethane-d4 (S)	98 %		80-120	1		11/10/14 18:16	17060-07-0	
Preservation pH	6.0			1		11/10/14 18:16		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: MERP/9028

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182122001

METHOD BLANK: 1475834

Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/10/14 08:17	

LABORATORY CONTROL SAMPLE: 1475835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	91	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475836 1475837

Parameter	Units	60182025001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	11.4	150	150	99.6	100	59	59	70-130	1	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475838 1475839

Parameter	Units	60182228001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	9.8	150	150	103	101	62	61	70-130	2	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: MERP/9041

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182122001

METHOD BLANK: 1477641

Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/13/14 09:50	

LABORATORY CONTROL SAMPLE: 1477642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1477643 1477644

Parameter	Units	60182283001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.	% Rec	% Rec						
Mercury, Dissolved	ug/L	ND	150	150	81.0	83.1	54	55	70-130	3	20	M1			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: MPRP/29738

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182122001

METHOD BLANK: 1476938

Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476940												1476941	
Parameter	Units	60182025001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD		
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20		
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20		
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20		
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20		
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20		
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20		
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20		
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1	
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20		
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20		
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20		
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20		
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: MPRP/29721

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182122001

METHOD BLANK: 1476408

Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/11/14 13:09	
Antimony, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Arsenic, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Beryllium, Dissolved	ug/L	ND	1.0	11/11/14 13:09	
Cadmium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Chromium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Cobalt, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Copper, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Iron, Dissolved	ug/L	ND	50.0	11/11/14 13:09	
Lead, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Nickel, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Selenium, Dissolved	ug/L	ND	15.0	11/11/14 13:09	
Silver, Dissolved	ug/L	ND	7.0	11/11/14 13:09	
Thallium, Dissolved	ug/L	ND	20.0	11/11/14 13:09	
Zinc, Dissolved	ug/L	ND	50.0	11/11/14 13:09	

LABORATORY CONTROL SAMPLE: 1476409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	950	95	85-115	
Beryllium, Dissolved	ug/L	1000	985	99	85-115	
Cadmium, Dissolved	ug/L	1000	959	96	85-115	
Chromium, Dissolved	ug/L	1000	931	93	85-115	
Cobalt, Dissolved	ug/L	1000	983	98	85-115	
Copper, Dissolved	ug/L	1000	935	94	85-115	
Iron, Dissolved	ug/L	10000	9290	93	85-115	
Lead, Dissolved	ug/L	1000	977	98	85-115	
Nickel, Dissolved	ug/L	1000	982	98	85-115	
Selenium, Dissolved	ug/L	1000	959	96	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	977	98	85-115	
Zinc, Dissolved	ug/L	1000	958	96	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Parameter	Units	60182228001		MS		MSD		1476410		1476411		% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec								
Aluminum, Dissolved	ug/L	ND	50000	50000	49600	49800	99	99	70-130	0	20					
Antimony, Dissolved	ug/L	ND	5000	5000	5080	5100	101	102	70-130	0	20					
Arsenic, Dissolved	ug/L	239	5000	5000	5310	5400	101	103	70-130	2	20					
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	4910	99	98	70-130	1	20					
Cadmium, Dissolved	ug/L	ND	5000	5000	4980	5000	100	100	70-130	0	20					
Chromium, Dissolved	ug/L	60.2	5000	5000	4840	4840	96	96	70-130	0	20					
Cobalt, Dissolved	ug/L	ND	5000	5000	4890	4900	98	98	70-130	0	20					
Copper, Dissolved	ug/L	ND	5000	5000	4780	4790	96	96	70-130	0	20					
Iron, Dissolved	ug/L	57100	50000	50000	103000	107000	91	100	70-130	4	20					
Lead, Dissolved	ug/L	ND	5000	5000	4740	4740	95	95	70-130	0	20					
Nickel, Dissolved	ug/L	41.6	5000	5000	4910	4910	97	97	70-130	0	20					
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5220	104	104	70-130	0	20					
Silver, Dissolved	ug/L	ND	2500	2500	2490	2490	100	100	70-130	0	20					
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4530	91	91	70-130	0	20					
Zinc, Dissolved	ug/L	283	5000	5000	5080	5100	96	96	70-130	0	20					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: MSV/65649 Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low Analysis Description: 624 MSV
Associated Lab Samples: 60182122001, 60182122002

METHOD BLANK: 1476181 Matrix: Water

Associated Lab Samples: 60182122001, 60182122002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 13:19	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 13:19	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 13:19	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 13:19	N2
Acetone	ug/L	ND	10.0	11/10/14 13:19	N2
Benzene	ug/L	ND	1.0	11/10/14 13:19	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 13:19	
Bromoform	ug/L	ND	1.0	11/10/14 13:19	
Bromomethane	ug/L	ND	5.0	11/10/14 13:19	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 13:19	
Chloroethane	ug/L	ND	1.0	11/10/14 13:19	
Chloroform	ug/L	ND	1.0	11/10/14 13:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 13:19	
Methylene chloride	ug/L	ND	1.0	11/10/14 13:19	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 13:19	
Toluene	ug/L	ND	1.0	11/10/14 13:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Trichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Vinyl chloride	ug/L	ND	1.0	11/10/14 13:19	
Xylene (Total)	ug/L	ND	3.0	11/10/14 13:19	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	11/10/14 13:19	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 13:19	
Toluene-d8 (S)	%	101	80-120	11/10/14 13:19	

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.9	99	67-124	
1,2-Dichloroethane	ug/L	20	19.6	98	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.8	90	59-131	N2
Acetone	ug/L	100	89.7	90	38-134	N2
Benzene	ug/L	20	19.8	99	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.4	97	68-125	
Bromoform	ug/L	20	19.7	99	65-127	
Bromomethane	ug/L	20	21.1	105	13-157	
Carbon tetrachloride	ug/L	20	18.9	94	70-131	
Chloroethane	ug/L	20	22.2	111	47-133	
Chloroform	ug/L	20	19.1	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	68-127	N2
Ethylbenzene	ug/L	20	20.1	101	74-122	
Methylene chloride	ug/L	20	19.7	98	64-129	
Tetrachloroethene	ug/L	20	20.2	101	73-125	
Toluene	ug/L	20	19.7	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	19.6	98	71-123	
Vinyl chloride	ug/L	20	22.6	113	43-129	
Xylene (Total)	ug/L	60	60.5	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1476183

Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2070	104	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	1890	94	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	1910	96	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1870	93	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2080	101	33-140	
2-Butanone (MEK)	ug/L	26500	10000	34600	81	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	8690	83	40-160	N2
Acetone	ug/L	52200	10000	60100	79	10-160	N2
Benzene	ug/L	ND	2000	1930	96	37-151	
Bromodichloromethane	ug/L	ND	2000	1880	94	35-142	
Bromoform	ug/L	ND	2000	1850	92	45-142	
Bromomethane	ug/L	ND	2000	1960	98	10-158	
Carbon tetrachloride	ug/L	ND	2000	2060	103	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1860	93	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1920	96	34-147	N2
Ethylbenzene	ug/L	ND	2000	2060	103	40-142	
Methylene chloride	ug/L	ND	2000	1870	93	31-144	
Tetrachloroethene	ug/L	ND	2000	2110	106	64-148	
Toluene	ug/L	ND	2000	2010	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2010	101	54-151	
Trichloroethene	ug/L	ND	2000	1960	98	71-149	
Vinyl chloride	ug/L	ND	2000	2300	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

MATRIX SPIKE SAMPLE:		1476183					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6180	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	OEXT/47080	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182122001		

METHOD BLANK: 1477165 Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	WET/51435	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182122001		

METHOD BLANK: 1476107 Matrix: Water
Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/10/14 08:29	

LABORATORY CONTROL SAMPLE: 1476108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	37.8	95	78-114	

MATRIX SPIKE SAMPLE: 1476110

Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	72.2	42.6	121	115	78-114	M1

SAMPLE DUPLICATE: 1476109

Parameter	Units	60182122001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	180	191	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	WET/51436	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60182122001		

METHOD BLANK: 1476119 Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/10/14 08:37	

LABORATORY CONTROL SAMPLE: 1476120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	22.8	114	64-132	

MATRIX SPIKE SAMPLE: 1476122

Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	24.8	21.3	43.9	90	64-132	

SAMPLE DUPLICATE: 1476121

Parameter	Units	60182122001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	13.5	10.5	25	34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	WET/51467	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182122001		

METHOD BLANK: 1476511 Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/11/14 09:36	

SAMPLE DUPLICATE: 1476512

Parameter	Units	60182273001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1030	1320	25	10	D6

SAMPLE DUPLICATE: 1476513

Parameter	Units	60181990006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	83.0	92.0	10	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: WET/51429 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182122001

SAMPLE DUPLICATE: 1475855

Parameter	Units	60181835001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch: WET/51419

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182122001

METHOD BLANK: 1475222

Matrix: Water

Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/12/14 18:18	

LABORATORY CONTROL SAMPLE: 1475223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	173	87	85-115	

SAMPLE DUPLICATE: 1475224

Parameter	Units	60182158001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1290	1270	2	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	WETA/31802	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182122001		

METHOD BLANK: 1477804 Matrix: Water
Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 10:42	

LABORATORY CONTROL SAMPLE: 1477805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477806

Parameter	Units	60181823001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	25.7	20	40.9	76	90-110	M1

MATRIX SPIKE SAMPLE: 1477807

Parameter	Units	60181823003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	27.0	20	42.1	75	90-110	M1

SAMPLE DUPLICATE: 1477808

Parameter	Units	60181829001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.73	0.73	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

QC Batch:	WETA/31764	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182122001		

METHOD BLANK: 1476428 Matrix: Water
Associated Lab Samples: 60182122001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/12/14 09:03	

LABORATORY CONTROL SAMPLE: 1476429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	50.8	102	90-110	

MATRIX SPIKE SAMPLE: 1476430

Parameter	Units	60182122001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17500	12500	29900	99	90-110	

MATRIX SPIKE SAMPLE: 1476432

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28000	91	90-110	

SAMPLE DUPLICATE: 1476431

Parameter	Units	60181892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	11.2	11.5	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

D9 Dissolved result is greater than the total. Data is within laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-059

Pace Project No.: 60182122

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182122001	T1-059	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182122001	T1-059	EPA 200.7	MPRP/29721	EPA 200.7	ICP/22270
60182122001	T1-059	EPA 245.1	MERP/9028	EPA 245.1	MERC/8978
60182122001	T1-059	EPA 245.1	MERP/9041	EPA 245.1	MERC/8998
60182122001	T1-059	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182122001	T1-059	EPA 624 Low	MSV/65649		
60182122002	TRIP BLANK	EPA 624 Low	MSV/65649		
60182122001	T1-059	EPA 1664A	WET/51435		
60182122001	T1-059	EPA 1664A	WET/51436		
60182122001	T1-059	SM 2540D	WET/51467		
60182122001	T1-059	SM 4500-H+B	WET/51429		
60182122001	T1-059	SM 5210B	WET/51419	SM 5210B	WET/51513
60182122001	T1-059	EPA 350.1	WETA/31802		
60182122001	T1-059	EPA 410.4	WETA/31764		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182122
60182122

Client Name: Burr

Courier: Fed Ex UPS USPS Client Commercial Pace Other xyroog

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 12PIC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 4.8
Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: pu 11/7/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Includes date/time/ID/analyses Matrix: <u>LT</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 2-5 ml of HNO3 to BP35 - 6-0/2-5</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>BP35 6-0</u>
Exceptions: <u>VOA</u> , coliform, TOC, <u>D&G</u> , MI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>pu</u> Lot # of added preservative <u>12513</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>101314-3</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State <u>MD</u>

Client Notification/ Resolution: Copy COC to Client? Y / N N Field Data Required? Y / N N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/7/14

November 17, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-060
Pace Project No.: 60182228

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 08, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182228001	T1-060	Water	11/07/14 09:45	11/08/14 02:10
60182228002	TRIP BLANK	Water	11/07/14 09:45	11/08/14 02:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182228001	T1-060	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	MER	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182228002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Sample: T1-060	Lab ID: 60182228001	Collected: 11/07/14 09:45	Received: 11/08/14 02:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	5580 ug/L		375	1	11/11/14 18:00	11/12/14 13:08	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:08	7440-36-0	
Arsenic	419 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:08	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 13:08	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:08	7440-43-9	
Chromium	119 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:08	7440-47-3	
Cobalt	27.3 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:08	7440-48-4	
Copper	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:08	7440-50-8	
Iron	353000 ug/L		250	1	11/11/14 18:00	11/12/14 13:08	7439-89-6	
Lead	38.0 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:08	7439-92-1	
Nickel	48.0 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:08	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 13:08	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 13:08	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 13:08	7440-28-0	
Zinc	2660 ug/L		250	1	11/11/14 18:00	11/12/14 13:08	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/10/14 17:45	11/11/14 13:20	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:20	7440-36-0	
Arsenic, Dissolved	239 ug/L		50.0	1	11/10/14 17:45	11/11/14 13:20	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/10/14 17:45	11/11/14 13:20	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:20	7440-43-9	
Chromium, Dissolved	60.2 ug/L		25.0	1	11/10/14 17:45	11/11/14 13:20	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:20	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/10/14 17:45	11/11/14 13:20	7440-50-8	
Iron, Dissolved	57100 ug/L		250	1	11/10/14 17:45	11/11/14 13:20	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/10/14 17:45	11/11/14 13:20	7439-92-1	
Nickel, Dissolved	41.6 ug/L		25.0	1	11/10/14 17:45	11/11/14 13:20	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/10/14 17:45	11/11/14 13:20	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/10/14 17:45	11/11/14 13:20	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/10/14 17:45	11/11/14 13:20	7440-28-0	
Zinc, Dissolved	283 ug/L		250	1	11/10/14 17:45	11/11/14 13:20	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	9.8 ug/L		6.0	1	11/08/14 12:15	11/10/14 09:02	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	9.1 ug/L		6.0	1	11/11/14 12:00	11/11/14 15:37	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 11:27	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 11:27	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2370 ug/L		2000	1	11/12/14 00:00	11/13/14 11:27		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Sample: T1-060	Lab ID: 60182228001	Collected: 11/07/14 09:45	Received: 11/08/14 02:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	87-86-5	L3
Phenol	3210 ug/L		500	1	11/12/14 00:00	11/13/14 11:27	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96 %		33-120	1	11/12/14 00:00	11/13/14 11:27	4165-60-0	
2-Fluorobiphenyl (S)	87 %		39-120	1	11/12/14 00:00	11/13/14 11:27	321-60-8	
Terphenyl-d14 (S)	84 %		45-120	1	11/12/14 00:00	11/13/14 11:27	1718-51-0	
Phenol-d6 (S)	31 %		11-120	1	11/12/14 00:00	11/13/14 11:27	13127-88-3	
2-Fluorophenol (S)	44 %		17-120	1	11/12/14 00:00	11/13/14 11:27	367-12-4	
2,4,6-Tribromophenol (S)	100 %		39-120	1	11/12/14 00:00	11/13/14 11:27	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	65700 ug/L		1000	100		11/10/14 17:48	67-64-1	N2
Benzene	ND ug/L		100	100		11/10/14 17:48	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/10/14 17:48	75-27-4	
Bromoform	ND ug/L		100	100		11/10/14 17:48	75-25-2	
Bromomethane	ND ug/L		500	100		11/10/14 17:48	74-83-9	
2-Butanone (MEK)	31900 ug/L		1000	100		11/10/14 17:48	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/10/14 17:48	56-23-5	
Chloroethane	ND ug/L		100	100		11/10/14 17:48	75-00-3	
Chloroform	ND ug/L		100	100		11/10/14 17:48	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/10/14 17:48	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/10/14 17:48	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:48	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/10/14 17:48	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/10/14 17:48	100-41-4	
Methylene chloride	ND ug/L		100	100		11/10/14 17:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/10/14 17:48	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/10/14 17:48	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/10/14 17:48	127-18-4	
Toluene	ND ug/L		100	100		11/10/14 17:48	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/10/14 17:48	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/10/14 17:48	79-00-5	
Trichloroethene	ND ug/L		100	100		11/10/14 17:48	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/10/14 17:48	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/10/14 17:48	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	100		11/10/14 17:48	460-00-4	HS
Toluene-d8 (S)	96 %		80-120	100		11/10/14 17:48	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	100		11/10/14 17:48	17060-07-0	
Preservation pH	6.0			1.0		11/10/14 17:48		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	105 mg/L		5.0	1		11/10/14 08:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Sample: T1-060		Lab ID: 60182228001	Collected: 11/07/14 09:45	Received: 11/08/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	6.8	mg/L	5.0	1		11/10/14 08:38		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	3520	mg/L	5.0	1		11/11/14 09:40		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/08/14 11:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	9190	mg/L	2.0	1	11/08/14 11:18	11/13/14 12:13		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	155	mg/L	5.0	50		11/13/14 11:42	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	18900	mg/L	2500	250		11/12/14 09:06		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Sample: TRIP BLANK		Lab ID: 60182228002	Collected: 11/07/14 09:45	Received: 11/08/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/10/14 19:13	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/10/14 19:13	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/10/14 19:13	75-27-4	
Bromoform	ND ug/L		1.0	1		11/10/14 19:13	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/10/14 19:13	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/10/14 19:13	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/10/14 19:13	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/10/14 19:13	75-00-3	
Chloroform	ND ug/L		1.0	1		11/10/14 19:13	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/10/14 19:13	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/10/14 19:13	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 19:13	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/10/14 19:13	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/10/14 19:13	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/10/14 19:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/10/14 19:13	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/10/14 19:13	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/10/14 19:13	127-18-4	
Toluene	ND ug/L		1.0	1		11/10/14 19:13	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/10/14 19:13	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/10/14 19:13	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/10/14 19:13	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/10/14 19:13	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/10/14 19:13	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/10/14 19:13	460-00-4	
Toluene-d8 (S)	98 %		80-120	1		11/10/14 19:13	2037-26-5	
1,2-Dichloroethane-d4 (S)	102 %		80-120	1		11/10/14 19:13	17060-07-0	
Preservation pH	6.0		1.0	1		11/10/14 19:13		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060
Pace Project No.: 60182228

QC Batch: MERP/9028 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
Associated Lab Samples: 60182228001

METHOD BLANK: 1475834 Matrix: Water
Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/10/14 08:17	

LABORATORY CONTROL SAMPLE: 1475835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	91	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475836 1475837

Parameter	Units	60182025001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	11.4	150	150	99.6	100	59	59	70-130	1	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1475838 1475839

Parameter	Units	60182228001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	9.8	150	150	103	101	62	61	70-130	2	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: MERP/9032	Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1	Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60182228001	

METHOD BLANK: 1476514 Matrix: Water
Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/11/14 15:20	

LABORATORY CONTROL SAMPLE: 1476515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476516 1476517

Parameter	Units	60182025001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	6.4	150	150	95.1	96.6	59	60	70-130	2	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: MPRP/29738

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182228001

METHOD BLANK: 1476938

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1476940		1476941									
Parameter	Units	60182025001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max			Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD	RPD		
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20		
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20		
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20		
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20		
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20		
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20		
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20		
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1	
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20		
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20		
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20		
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20		
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: MPRP/29721

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182228001

METHOD BLANK: 1476408

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/11/14 13:09	
Antimony, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Arsenic, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Beryllium, Dissolved	ug/L	ND	1.0	11/11/14 13:09	
Cadmium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Chromium, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Cobalt, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Copper, Dissolved	ug/L	ND	10.0	11/11/14 13:09	
Iron, Dissolved	ug/L	ND	50.0	11/11/14 13:09	
Lead, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Nickel, Dissolved	ug/L	ND	5.0	11/11/14 13:09	
Selenium, Dissolved	ug/L	ND	15.0	11/11/14 13:09	
Silver, Dissolved	ug/L	ND	7.0	11/11/14 13:09	
Thallium, Dissolved	ug/L	ND	20.0	11/11/14 13:09	
Zinc, Dissolved	ug/L	ND	50.0	11/11/14 13:09	

LABORATORY CONTROL SAMPLE: 1476409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9770	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	950	95	85-115	
Beryllium, Dissolved	ug/L	1000	985	99	85-115	
Cadmium, Dissolved	ug/L	1000	959	96	85-115	
Chromium, Dissolved	ug/L	1000	931	93	85-115	
Cobalt, Dissolved	ug/L	1000	983	98	85-115	
Copper, Dissolved	ug/L	1000	935	94	85-115	
Iron, Dissolved	ug/L	10000	9290	93	85-115	
Lead, Dissolved	ug/L	1000	977	98	85-115	
Nickel, Dissolved	ug/L	1000	982	98	85-115	
Selenium, Dissolved	ug/L	1000	959	96	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	977	98	85-115	
Zinc, Dissolved	ug/L	1000	958	96	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Parameter	Units	60182228001		MS		MSD		1476410		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Aluminum, Dissolved	ug/L	ND	50000	50000	49600	49800	99	99	70-130	0	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5080	5100	101	102	70-130	0	20			
Arsenic, Dissolved	ug/L	239	5000	5000	5310	5400	101	103	70-130	2	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	4940	4910	99	98	70-130	1	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	4980	5000	100	100	70-130	0	20			
Chromium, Dissolved	ug/L	60.2	5000	5000	4840	4840	96	96	70-130	0	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	4890	4900	98	98	70-130	0	20			
Copper, Dissolved	ug/L	ND	5000	5000	4780	4790	96	96	70-130	0	20			
Iron, Dissolved	ug/L	57100	50000	50000	103000	107000	91	100	70-130	4	20			
Lead, Dissolved	ug/L	ND	5000	5000	4740	4740	95	95	70-130	0	20			
Nickel, Dissolved	ug/L	41.6	5000	5000	4910	4910	97	97	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5190	5220	104	104	70-130	0	20			
Silver, Dissolved	ug/L	ND	2500	2500	2490	2490	100	100	70-130	0	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4530	91	91	70-130	0	20			
Zinc, Dissolved	ug/L	283	5000	5000	5080	5100	96	96	70-130	0	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch:	MSV/65649	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60182228001		

METHOD BLANK: 1476181 Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 13:19	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 13:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 13:19	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 13:19	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 13:19	N2
Acetone	ug/L	ND	10.0	11/10/14 13:19	N2
Benzene	ug/L	ND	1.0	11/10/14 13:19	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 13:19	
Bromoform	ug/L	ND	1.0	11/10/14 13:19	
Bromomethane	ug/L	ND	5.0	11/10/14 13:19	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 13:19	
Chloroethane	ug/L	ND	1.0	11/10/14 13:19	
Chloroform	ug/L	ND	1.0	11/10/14 13:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 13:19	
Methylene chloride	ug/L	ND	1.0	11/10/14 13:19	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 13:19	
Toluene	ug/L	ND	1.0	11/10/14 13:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Trichloroethene	ug/L	ND	1.0	11/10/14 13:19	
Vinyl chloride	ug/L	ND	1.0	11/10/14 13:19	
Xylene (Total)	ug/L	ND	3.0	11/10/14 13:19	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	11/10/14 13:19	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 13:19	
Toluene-d8 (S)	%	101	80-120	11/10/14 13:19	

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.9	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.9	99	67-124	
1,2-Dichloroethane	ug/L	20	19.6	98	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.8	90	59-131	N2
Acetone	ug/L	100	89.7	90	38-134	N2
Benzene	ug/L	20	19.8	99	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

LABORATORY CONTROL SAMPLE: 1476182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.4	97	68-125	
Bromoform	ug/L	20	19.7	99	65-127	
Bromomethane	ug/L	20	21.1	105	13-157	
Carbon tetrachloride	ug/L	20	18.9	94	70-131	
Chloroethane	ug/L	20	22.2	111	47-133	
Chloroform	ug/L	20	19.1	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	68-127	N2
Ethylbenzene	ug/L	20	20.1	101	74-122	
Methylene chloride	ug/L	20	19.7	98	64-129	
Tetrachloroethene	ug/L	20	20.2	101	73-125	
Toluene	ug/L	20	19.7	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	19.6	98	71-123	
Vinyl chloride	ug/L	20	22.6	113	43-129	
Xylene (Total)	ug/L	60	60.5	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1476183

Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2070	104	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	1890	94	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	1910	96	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1870	93	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2080	101	33-140	
2-Butanone (MEK)	ug/L	26500	10000	34600	81	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	8690	83	40-160	N2
Acetone	ug/L	52200	10000	60100	79	10-160	N2
Benzene	ug/L	ND	2000	1930	96	37-151	
Bromodichloromethane	ug/L	ND	2000	1880	94	35-142	
Bromoform	ug/L	ND	2000	1850	92	45-142	
Bromomethane	ug/L	ND	2000	1960	98	10-158	
Carbon tetrachloride	ug/L	ND	2000	2060	103	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1860	93	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1920	96	34-147	N2
Ethylbenzene	ug/L	ND	2000	2060	103	40-142	
Methylene chloride	ug/L	ND	2000	1870	93	31-144	
Tetrachloroethene	ug/L	ND	2000	2110	106	64-148	
Toluene	ug/L	ND	2000	2010	101	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2010	101	54-151	
Trichloroethene	ug/L	ND	2000	1960	98	71-149	
Vinyl chloride	ug/L	ND	2000	2300	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

MATRIX SPIKE SAMPLE:		1476183					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6180	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060
Pace Project No.: 60182228

QC Batch: MSV/65660 Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low Analysis Description: 624 MSV
Associated Lab Samples: 60182228002

METHOD BLANK: 1476225 Matrix: Water
Associated Lab Samples: 60182228002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/10/14 18:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/10/14 18:59	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/10/14 18:59	
1,2-Dichloroethane	ug/L	ND	1.0	11/10/14 18:59	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/10/14 18:59	
2-Butanone (MEK)	ug/L	ND	10.0	11/10/14 18:59	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/10/14 18:59	N2
Acetone	ug/L	ND	10.0	11/10/14 18:59	N2
Benzene	ug/L	ND	1.0	11/10/14 18:59	
Bromodichloromethane	ug/L	ND	1.0	11/10/14 18:59	
Bromoform	ug/L	ND	1.0	11/10/14 18:59	
Bromomethane	ug/L	ND	5.0	11/10/14 18:59	
Carbon tetrachloride	ug/L	ND	1.0	11/10/14 18:59	
Chloroethane	ug/L	ND	1.0	11/10/14 18:59	
Chloroform	ug/L	ND	1.0	11/10/14 18:59	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 18:59	N2
Ethylbenzene	ug/L	ND	1.0	11/10/14 18:59	
Methylene chloride	ug/L	ND	1.0	11/10/14 18:59	
Tetrachloroethene	ug/L	ND	1.0	11/10/14 18:59	
Toluene	ug/L	ND	1.0	11/10/14 18:59	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/10/14 18:59	
Trichloroethene	ug/L	ND	1.0	11/10/14 18:59	
Vinyl chloride	ug/L	ND	1.0	11/10/14 18:59	
Xylene (Total)	ug/L	ND	3.0	11/10/14 18:59	N2
1,2-Dichloroethane-d4 (S)	%	97	80-120	11/10/14 18:59	
4-Bromofluorobenzene (S)	%	100	80-120	11/10/14 18:59	
Toluene-d8 (S)	%	99	80-120	11/10/14 18:59	

LABORATORY CONTROL SAMPLE: 1476226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	95	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.7	99	67-127	N2
1,1,2-Trichloroethane	ug/L	20	21.6	108	67-124	
1,2-Dichloroethane	ug/L	20	19.4	97	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	92.0	92	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.6	87	59-131	N2
Acetone	ug/L	100	85.1	85	38-134	N2
Benzene	ug/L	20	19.2	96	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

LABORATORY CONTROL SAMPLE: 1476226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.2	96	68-125	
Bromoform	ug/L	20	19.8	99	65-127	
Bromomethane	ug/L	20	19.8	99	13-157	
Carbon tetrachloride	ug/L	20	18.7	93	70-131	
Chloroethane	ug/L	20	20.5	102	47-133	
Chloroform	ug/L	20	19.1	96	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.5	98	68-127	N2
Ethylbenzene	ug/L	20	20.0	100	74-122	
Methylene chloride	ug/L	20	19.4	97	64-129	
Tetrachloroethene	ug/L	20	20.0	100	73-125	
Toluene	ug/L	20	19.0	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.4	97	66-129	
Trichloroethene	ug/L	20	18.9	94	71-123	
Vinyl chloride	ug/L	20	20.5	103	43-129	
Xylene (Total)	ug/L	60	60.7	101	75-121	N2
1,2-Dichloroethane-d4 (S)	%			98	80-120	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1476227

Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	200	226	113	52-155	
1,1,2,2-Tetrachloroethane	ug/L	35.9	200	242	103	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	200	233	116	52-143	
1,2-Dichloroethane	ug/L	ND	200	246	123	49-144	
1,4-Dichlorobenzene	ug/L	ND	200	221	110	33-140	
2-Butanone (MEK)	ug/L	765	1000	1610	84	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	202	1000	1040	84	40-160	N2
Acetone	ug/L	3350	1000	3850	50	10-160	N2
Benzene	ug/L	960	200	1160	101	37-151	
Bromodichloromethane	ug/L	ND	200	213	106	35-142	
Bromoform	ug/L	ND	200	207	103	45-142	
Bromomethane	ug/L	ND	200	209	103	10-158	
Carbon tetrachloride	ug/L	ND	200	225	113	70-140	
Chloroethane	ug/L	ND	200	220	110	19-152	
Chloroform	ug/L	17.0	200	216	100	51-138	
cis-1,2-Dichloroethene	ug/L	ND	200	218	109	34-147	N2
Ethylbenzene	ug/L	1560	200	1330	-118	40-142	M1
Methylene chloride	ug/L	ND	200	205	102	31-144	
Tetrachloroethene	ug/L	ND	200	238	119	64-148	
Toluene	ug/L	5130	200	4670	-139	47-150	M1
trans-1,2-Dichloroethene	ug/L	ND	200	219	109	54-151	
Trichloroethene	ug/L	ND	200	223	112	71-149	
Vinyl chloride	ug/L	ND	200	230	115	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

MATRIX SPIKE SAMPLE:		1476227					
Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	5150	600	4420	-120	37-144	MS,N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				99	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: OEXT/47080

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60182228001

METHOD BLANK: 1477165

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch:	WET/51435	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182228001		

METHOD BLANK: 1476107 Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/10/14 08:29	

LABORATORY CONTROL SAMPLE: 1476108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	37.8	95	78-114	

MATRIX SPIKE SAMPLE: 1476110

Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	72.2	42.6	121	115	78-114	M1

SAMPLE DUPLICATE: 1476109

Parameter	Units	60182122001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	180	191	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: WET/51436

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 SGT-HEM, TPH

Associated Lab Samples: 60182228001

METHOD BLANK: 1476119

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/10/14 08:37	

LABORATORY CONTROL SAMPLE: 1476120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	22.8	114	64-132	

MATRIX SPIKE SAMPLE: 1476122

Parameter	Units	60182214001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	24.8	21.3	43.9	90	64-132	

SAMPLE DUPLICATE: 1476121

Parameter	Units	60182122001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	13.5	10.5	25	34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: WET/51467

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182228001

METHOD BLANK: 1476511

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/11/14 09:36	

SAMPLE DUPLICATE: 1476512

Parameter	Units	60182273001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1030	1320	25	10	D6

SAMPLE DUPLICATE: 1476513

Parameter	Units	60181990006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	83.0	92.0	10	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: WET/51429 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182228001

SAMPLE DUPLICATE: 1475855

Parameter	Units	60181835001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: WET/51428

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182228001

METHOD BLANK: 1475848

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/13/14 12:11	

LABORATORY CONTROL SAMPLE: 1475849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	176	89	85-115	

SAMPLE DUPLICATE: 1475850

Parameter	Units	60182228001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	9190	9730	6	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch: WETA/31803

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182228001

METHOD BLANK: 1477809

Matrix: Water

Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 11:15	

LABORATORY CONTROL SAMPLE: 1477810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477811

Parameter	Units	60181715002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1477812

Parameter	Units	60181792002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2.0	2	3.5	76	90-110	M1

SAMPLE DUPLICATE: 1477813

Parameter	Units	60181846002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	30.1	28.5	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

QC Batch:	WETA/31764	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182228001		

METHOD BLANK: 1476428 Matrix: Water
Associated Lab Samples: 60182228001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/12/14 09:03	

LABORATORY CONTROL SAMPLE: 1476429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	50.8	102	90-110	

MATRIX SPIKE SAMPLE: 1476430

Parameter	Units	60182122001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17500	12500	29900	99	90-110	

MATRIX SPIKE SAMPLE: 1476432

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28000	91	90-110	

SAMPLE DUPLICATE: 1476431

Parameter	Units	60181892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	11.2	11.5	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-060

Pace Project No.: 60182228

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182228001	T1-060	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182228001	T1-060	EPA 200.7	MPRP/29721	EPA 200.7	ICP/22270
60182228001	T1-060	EPA 245.1	MERP/9028	EPA 245.1	MERC/8978
60182228001	T1-060	EPA 245.1	MERP/9032	EPA 245.1	MERC/8986
60182228001	T1-060	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182228001	T1-060	EPA 624 Low	MSV/65649		
60182228002	TRIP BLANK	EPA 624 Low	MSV/65660		
60182228001	T1-060	EPA 1664A	WET/51435		
60182228001	T1-060	EPA 1664A	WET/51436		
60182228001	T1-060	SM 2540D	WET/51467		
60182228001	T1-060	SM 4500-H+B	WET/51429		
60182228001	T1-060	SM 5210B	WET/51428	SM 5210B	WET/51575
60182228001	T1-060	EPA 350.1	WETA/31803		
60182228001	T1-060	EPA 410.4	WETA/31764		

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc..



Sample Condition Upon Receipt

WO#: 60182228



60182228

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Arvalis

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 5.2

Temperature should be above freezing to 6°C

Date and initials of person examining contents: JB 11/7

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Bad pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Includes date/time/ID/analyses Matrix: <u>W</u>		13.
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>BTS and DP3N cannot be preserved</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, coliform, TOC, <u>O&G</u> , VI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>10/31/14</u>		15.
Headspace in VOA vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. <u>3 of 5 Drain</u>
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 11.8.14



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Section B

Section C

Required Client Information:		Required Project Information:		Invoice Information:		Regulatory Agency	
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR		Attention: AMY HARGROVE/BRIAN POWER			
Address:		Copy To: SCOTT FEDAK/FEEZOR		Company Name: REPUBLIC SERVICES			
		DANA BAKER/MARGARET TREANOR -BARR		Address: BRIDGETON, MO 63044			
Email To:		Purchase Order No		Pace Quote Reference: 130426_7588			
Phone: (816) 285-8410 Fax		Client Project ID: BRIDGETON LF		Pace Project Manager: Brown, Angie		State / Location	
Requested Due Date/TAT: 10 Day (Default)		Container Order Number:		Pace Profile #: 7585 LINE 2		Missouri	

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	PRESERVATIVES										ANALYSES TEST Y/N	REQUESTED ANALYSIS FILTERED (Y/N)															RESIDUAL CHLORINE (Y/N)			
				START		END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	COD EPA 410	pH SM 4500+H		LF DIS METALS 200.7/245	TOTAL METALS 200 7/245	AMMONIA EPA 350	O/G EPA 1664	625 SVOCs	VOCs EPA 824	TSS SM2540D	TPH/HEM-SGT 1684	BOD SM 5210B										
				DATE	TIME	DATE	TIME																						# OF CONTAINERS									
1	②BZLU BPSU T9-060 ③A633④A644	OT	G			11/7/14	9:45	14	10	4	1	0								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	(D) 35	DPSN (S) X694 201	
2	TRIP BLANK ②D644 TSS							2	2																												DPSN (S) X694 202	
3																																						
4																																						
5																																						
6																																						
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

6018728

METALS LIST total & LF Dis:
Al, Sb, As, Be, Cd, Cr,
Co, Cu, Fe, Pb, Ni, Se, Ag, Tl, Zn
and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
SITE CONTACT: BILL ABERNATHY 314-502-1299	<i>Steve Valco FEI</i>	11-7-14	11:50	<i>[Signature]</i>	11/7	11:50							
SITE ADDRESS: BRIDGETON LF 13570 ST CHARLES ROCK RD BRIDGETON MO 63044				<i>[Signature]</i> Kan	11/8	02:10	5.2	Y	Y	Y			

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Hunter King</i>				
SIGNATURE of SAMPLER:	<i>Hunter King</i>				
DATE Signed:		11/7/14			



New Age/Landmark Mobile Laboratory Services

160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

B = Analyte is found in the associated blank as well as in the sample.

D = Compound identified in an analysis at a secondary dilution factor.

E = Compound's concentration exceeds the calibration range of the instrument at this dilution.

X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.

J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1737	T1-060	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	250	14.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 74-87-3	Chloromethane		U	ug/L	250	21.54	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-01-4	Vinyl chloride		U	ug/L	100	15.93	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 74-83-9	Bromomethane		U	ug/L	250	25.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-00-3	Chloroethane		UX-	ug/L	250	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	250	9.83	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	50	23.55	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-09-2	Methylene chloride		U	ug/L	250	13.23	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 67-64-1	Acetone	91000	D	ug/L	5000	778.04	11/7/2014	11/7/2014	11/7/2014	WG	500	NA	5.0	NA	SW8260B	NALD5215				
NAL13026-1737	T1-060	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	50	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 1634-04-4	MTBE		U	ug/L	250	30.59	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	50	26.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	50	16.06	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 74-97-5	Bromochloromethane		U	ug/L	100	20.68	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 67-66-3	Chloroform		U	ug/L	50	7.86	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	50	8.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 78-93-3	2-Butanone	14000	D	ug/L	5000	405.90	11/7/2014	11/7/2014	11/7/2014	WG	500	NA	5.0	NA	SW8260B	NALD5215				
NAL13026-1737	T1-060	ORG 56-23-5	Carbon tetrachloride		U	ug/L	50	13.82	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 71-43-2	Benzene	7.3	J	ug/L	50	6.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	50	10.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 79-01-6	Trichloroethene		U	ug/L	50	18.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 74-95-3	Dibromomethane		U	ug/L	100	16.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	50	9.08	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-27-4	Bromodichloromethane		U	ug/L	100	5.79	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	50	12.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 108-88-3	Toluene		U	ug/L	50	10.48	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 108-10-1	4-Methyl-2-pentanone	210	J	ug/L	250	37.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	50	15.57	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 127-18-4	Tetrachloroethene		U	ug/L	50	24.28	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	50	17.14	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 124-48-1	Dibromochloromethane		U	ug/L	100	14.95	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	100	13.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 591-78-6	2-Hexanone	180	J	ug/L	250	34.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 100-41-4	Ethylbenzene		U	ug/L	50	12.69	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 108-90-7	Chlorobenzene		U	ug/L	50	13.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	100	9.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG XYLMP	p&m-Xylene		U	ug/L	100	13.07	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 95-47-6	o-Xylene	7.7	J	ug/L	50	6.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 100-42-5	Styrene		U	ug/L	50	10.12	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 75-25-2	Bromoform		U	ug/L	100	23.41	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 98-82-8	Isopropylbenzene	47	J	ug/L	100	10.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 103-65-1	n-Propylbenzene		U	ug/L	100	13.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	100	14.58	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				



New Age/Landmark
Mobile Laboratory Services

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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1737	T1-060	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	100	14.73	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 108-67-8	1,3,5-Trimethylbenzene	32	J	ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 98-06-6	tert-Butylbenzene		U	ug/L	100	16.30	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 95-63-6	1,2,4-Trimethylbenzene	74	J	ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 135-98-8	sec-Butylbenzene		U	ug/L	100	16.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	100	11.11	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 99-87-6	p-Isopropyltoluene	370		ug/L	100	12.74	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 106-46-7	1,4-Dichlorobenzene	120		ug/L	100	16.52	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	100	13.19	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 104-51-8	n-Butylbenzene	29	J	ug/L	250	13.90	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	250	79.56	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	250	32.71	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	250	13.81	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 91-20-3	Naphthalene	510		ug/L	250	28.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	250	11.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214				
NAL13026-1737	T1-060	STD 1868-53-7	Dibromofluoromethane	46		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214	50	92%		
NAL13026-1737	T1-060	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214	50	90%		
NAL13026-1737	T1-060	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214	50	98%		
NAL13026-1737	T1-060	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5214	50	110%		

FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110714CCVA	D110714CCVA	ORG 75-71-8	Dichlorodifluoromethane	55		ug/L	5	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	110%		
D110714CCVA	D110714CCVA	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	80%		
D110714CCVA	D110714CCVA	ORG 75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	100%		
D110714CCVA	D110714CCVA	ORG 74-83-9	Bromomethane	49		ug/L	5	0.50	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	ORG 75-00-3	Chloroethane	30		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	60%		
D110714CCVA	D110714CCVA	ORG 75-69-4	Trichlorofluoromethane	190		ug/L	5	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	380%		
D110714CCVA	D110714CCVA	ORG 75-35-4	1,1-Dichloroethene	38		ug/L	1	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	76%		
D110714CCVA	D110714CCVA	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	90%		
D110714CCVA	D110714CCVA	ORG 67-64-1	Acetone	47		ug/L	10	1.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	94%		
D110714CCVA	D110714CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	ORG 1634-04-4	MTBE	53		ug/L	5	0.61	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	106%		
D110714CCVA	D110714CCVA	ORG 75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	90%		
D110714CCVA	D110714CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	110%		
D110714CCVA	D110714CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	90%		
D110714CCVA	D110714CCVA	ORG 71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	ORG 78-93-3	2-Butanone	54		ug/L	1	0.81	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	108%		
D110714CCVA	D110714CCVA	ORG 56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	88%		
D110714CCVA	D110714CCVA	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	100%		
D110714CCVA	D110714CCVA	ORG 74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	96%		
D110714CCVA	D110714CCVA	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	96%		
D110714CCVA	D110714CCVA	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	90%		
D110714CCVA	D110714CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	108%		
D110714CCVA	D110714CCVA	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	92%		
D110714CCVA	D110714CCVA	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	100%		
D110714CCVA	D110714CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	108%		
D110714CCVA	D110714CCVA	ORG 127-18-4	Tetrachloroethene	50		ug/L	1	0.49	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	100%		
D110714CCVA	D110714CCVA	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	88%		
D110714CCVA	D110714CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	92%		
D110714CCVA	D110714CCVA	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	110%		
D110714CCVA	D110714CCVA	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	104%		
D110714CCVA	D110714CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	100	110%		
D110714CCVA	D110714CCVA	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	104%		
D110714CCVA	D110714CCVA	ORG 100-42-5	Styrene	52		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	104%		
D110714CCVA	D110714CCVA	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	108%		
D110714CCVA	D110714CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	114%		
D110714CCVA	D110714CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	88%		



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D110714CCVA	D110714CCVA	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	86%		
D110714CCVA	D110714CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	106%		
D110714CCVA	D110714CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	104%		
D110714CCVA	D110714CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	106%		
D110714CCVA	D110714CCVA	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	104%		
D110714CCVA	D110714CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	96%		
D110714CCVA	D110714CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	106%		
D110714CCVA	D110714CCVA	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	102%		
D110714CCVA	D110714CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	96%		
D110714CCVA	D110714CCVA	ORG 87-68-3	Hexachlorobutadiene	50		ug/L	5	0.65	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	100%		
D110714CCVA	D110714CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	46		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	92%		
D110714CCVA	D110714CCVA	ORG 91-20-3	Naphthalene	45		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	90%		
D110714CCVA	D110714CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	98%		
D110714CCVA	D110714CCVA	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	96%		
D110714CCVA	D110714CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	86%		
D110714CCVA	D110714CCVA	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	94%		
D110714CCVA	D110714CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5211	50	106%		



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D110714MBKA	D110714MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				



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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110714MBKA	D110714MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213				
D110714MBKA	D110714MBKA	STD 1868-53-7	Dibromofluoromethane	46		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213	50	92%		
D110714MBKA	D110714MBKA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213	50	94%		
D110714MBKA	D110714MBKA	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213	50	100%		
D110714MBKA	D110714MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5213	50	108%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110714ALCS	D110714ALCS	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 74-87-3	Chloromethane	34		ug/L	5	0.43	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	68%		
D110714ALCS	D110714ALCS	ORG 75-01-4	Vinyl chloride	41		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	82%		
D110714ALCS	D110714ALCS	ORG 74-83-9	Bromomethane	41		ug/L	5	0.50	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	82%		
D110714ALCS	D110714ALCS	ORG 75-00-3	Chloroethane	27		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	54%		
D110714ALCS	D110714ALCS	ORG 75-69-4	Trichlorofluoromethane	240		ug/L	5	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	480%		
D110714ALCS	D110714ALCS	ORG 75-35-4	1,1-Dichloroethene	39		ug/L	1	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	78%		
D110714ALCS	D110714ALCS	ORG 75-09-2	Methylene chloride	43		ug/L	5	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	86%		
D110714ALCS	D110714ALCS	ORG 67-64-1	Acetone	62		ug/L	10	1.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	124%		
D110714ALCS	D110714ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	94%		
D110714ALCS	D110714ALCS	ORG 1634-04-4	MTBE	52		ug/L	5	0.61	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		
D110714ALCS	D110714ALCS	ORG 75-34-3	1,1-Dichloroethane	43		ug/L	1	0.53	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	86%		
D110714ALCS	D110714ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	108%		
D110714ALCS	D110714ALCS	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	90%		
D110714ALCS	D110714ALCS	ORG 71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		
D110714ALCS	D110714ALCS	ORG 56-23-5	Carbon tetrachloride	50		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	88%		
D110714ALCS	D110714ALCS	ORG 79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 74-95-3	Dibromomethane	47		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	94%		
D110714ALCS	D110714ALCS	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	90%		
D110714ALCS	D110714ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		
D110714ALCS	D110714ALCS	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	90%		
D110714ALCS	D110714ALCS	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	102%		
D110714ALCS	D110714ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	53		ug/L	1	0.31	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	106%		
D110714ALCS	D110714ALCS	ORG 127-18-4	Tetrachloroethene	49		ug/L	1	0.49	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	88%		
D110714ALCS	D110714ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	102%		
D110714ALCS	D110714ALCS	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	108%		
D110714ALCS	D110714ALCS	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		
D110714ALCS	D110714ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	100	110%		
D110714ALCS	D110714ALCS	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	102%		
D110714ALCS	D110714ALCS	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	106%		
D110714ALCS	D110714ALCS	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	110%		
D110714ALCS	D110714ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	45		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	90%		



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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110714ALCS	D110714ALCS	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	86%		
D110714ALCS	D110714ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		
D110714ALCS	D110714ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	50		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	100%		
D110714ALCS	D110714ALCS	ORG 135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	102%		
D110714ALCS	D110714ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	106%		
D110714ALCS	D110714ALCS	ORG 99-87-6	p-Isopropyltoluene	51		ug/L	2	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	102%		
D110714ALCS	D110714ALCS	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	106%		
D110714ALCS	D110714ALCS	ORG 104-51-8	n-Butylbenzene	49		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	ORG 87-68-3	Hexachlorobutadiene	48		ug/L	5	0.65	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	46		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	92%		
D110714ALCS	D110714ALCS	ORG 91-20-3	Naphthalene	48		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	96%		
D110714ALCS	D110714ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	98%		
D110714ALCS	D110714ALCS	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	88%		
D110714ALCS	D110714ALCS	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	94%		
D110714ALCS	D110714ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5212	50	104%		



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FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

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Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110714ALCD	D110714ALCD	ORG 75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	108%	12%	
D110714ALCD	D110714ALCD	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	76%	11%	
D110714ALCD	D110714ALCD	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	18%	
D110714ALCD	D110714ALCD	ORG 74-83-9	Bromomethane	45		ug/L	5	0.50	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	90%	9%	
D110714ALCD	D110714ALCD	ORG 75-00-3	Chloroethane	31		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	62%	14%	
D110714ALCD	D110714ALCD	ORG 75-69-4	Trichlorofluoromethane	240		ug/L	5	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	480%	0%	
D110714ALCD	D110714ALCD	ORG 75-35-4	1,1-Dichloroethene	40		ug/L	1	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	80%	3%	
D110714ALCD	D110714ALCD	ORG 75-09-2	Methylene chloride	28		ug/L	5	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	56%	42%	
D110714ALCD	D110714ALCD	ORG 67-64-1	Acetone	31		ug/L	10	1.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	62%	67%	
D110714ALCD	D110714ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	35		ug/L	1	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	70%	29%	
D110714ALCD	D110714ALCD	ORG 1634-04-4	MTBE	52		ug/L	5	0.61	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	0%	
D110714ALCD	D110714ALCD	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	2%	
D110714ALCD	D110714ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	106%	2%	
D110714ALCD	D110714ALCD	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	100%	0%	
D110714ALCD	D110714ALCD	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	90%	0%	
D110714ALCD	D110714ALCD	ORG 71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	96%	0%	
D110714ALCD	D110714ALCD	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	6%	
D110714ALCD	D110714ALCD	ORG 56-23-5	Carbon tetrachloride	50		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	100%	0%	
D110714ALCD	D110714ALCD	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	96%	0%	
D110714ALCD	D110714ALCD	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	0%	
D110714ALCD	D110714ALCD	ORG 79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	0%	
D110714ALCD	D110714ALCD	ORG 74-95-3	Dibromomethane	47		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	94%	0%	
D110714ALCD	D110714ALCD	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	96%	0%	
D110714ALCD	D110714ALCD	ORG 75-27-4	Bromodichloromethane	44		ug/L	2	0.12	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	2%	
D110714ALCD	D110714ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	0%	
D110714ALCD	D110714ALCD	ORG 108-88-3	Toluene	44		ug/L	1	0.21	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	2%	
D110714ALCD	D110714ALCD	ORG 108-10-1	4-Methyl-2-pentanone	47		ug/L	5	0.74	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	94%	8%	
D110714ALCD	D110714ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	52		ug/L	1	0.31	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	2%	
D110714ALCD	D110714ALCD	ORG 127-18-4	Tetrachloroethene	46		ug/L	1	0.49	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	92%	6%	
D110714ALCD	D110714ALCD	ORG 79-00-5	1,1,2-Trichloroethane	43		ug/L	1	0.34	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	86%	2%	
D110714ALCD	D110714ALCD	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	2%	
D110714ALCD	D110714ALCD	ORG 106-93-4	1,2-Dibromoethane	49		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	4%	
D110714ALCD	D110714ALCD	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	84%	17%	
D110714ALCD	D110714ALCD	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	108%	0%	
D110714ALCD	D110714ALCD	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	0%	
D110714ALCD	D110714ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	0%	
D110714ALCD	D110714ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	100	110%	0%	
D110714ALCD	D110714ALCD	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	102%	0%	
D110714ALCD	D110714ALCD	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	100%	0%	
D110714ALCD	D110714ALCD	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	92%	6%	
D110714ALCD	D110714ALCD	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	106%	0%	
D110714ALCD	D110714ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	112%	2%	
D110714ALCD	D110714ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	42		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	84%	7%	



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D110714ALCD	D110714ALCD	ORG 96-18-4	1,2,3-Trichloropropane	42		ug/L	2	0.29	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	84%	2%	
D110714ALCD	D110714ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	100%	0%	
D110714ALCD	D110714ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	106%	2%	
D110714ALCD	D110714ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	102%	2%	
D110714ALCD	D110714ALCD	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	2%	
D110714ALCD	D110714ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	106%	0%	
D110714ALCD	D110714ALCD	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	2%	
D110714ALCD	D110714ALCD	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	96%	0%	
D110714ALCD	D110714ALCD	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	2%	
D110714ALCD	D110714ALCD	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	102%	4%	
D110714ALCD	D110714ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	45		ug/L	5	1.59	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	90%	9%	
D110714ALCD	D110714ALCD	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	2%	
D110714ALCD	D110714ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	45		ug/L	5	0.28	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	90%	2%	
D110714ALCD	D110714ALCD	ORG 91-20-3	Naphthalene	44		ug/L	5	0.56	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	9%	
D110714ALCD	D110714ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	98%	0%	
D110714ALCD	D110714ALCD	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	100%	2%	
D110714ALCD	D110714ALCD	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	88%	0%	
D110714ALCD	D110714ALCD	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	94%	0%	
D110714ALCD	D110714ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/7/2014	11/7/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5216	50	104%	0%	



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Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1737MS	T1-060	ORG 75-71-8	Dichlorodifluoromethane	2500		ug/L	250	14.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 74-87-3	Chloromethane	2000		ug/L	250	21.54	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	80%		
NAL13026-1737MS	T1-060	ORG 75-01-4	Vinyl chloride	2300		ug/L	100	15.93	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	92%		
NAL13026-1737MS	T1-060	ORG 74-83-9	Bromomethane	1800		ug/L	250	25.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	72%		
NAL13026-1737MS	T1-060	ORG 75-00-3	Chloroethane	1500		ug/L	250	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	60%		
NAL13026-1737MS	T1-060	ORG 75-69-4	Trichlorofluoromethane	4000		ug/L	250	9.83	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	160%		
NAL13026-1737MS	T1-060	ORG 75-35-4	1,1-Dichloroethene	1900		ug/L	50	23.55	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	76%		
NAL13026-1737MS	T1-060	ORG 75-09-2	Methylene chloride	2100		ug/L	250	13.23	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	84%		
NAL13026-1737MS	T1-060	ORG 67-64-1	Acetone	89000		ug/L	500	77.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	-80%		91000
NAL13026-1737MS	T1-060	ORG 156-60-5	trans-1,2-Dichloroethene	2400		ug/L	50	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	96%		
NAL13026-1737MS	T1-060	ORG 1634-04-4	MTBE	2600		ug/L	250	30.59	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG 75-34-3	1,1-Dichloroethane	2200		ug/L	50	26.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	88%		
NAL13026-1737MS	T1-060	ORG 156-59-2	cis-1,2-Dichloroethene	2800		ug/L	50	16.06	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	112%		
NAL13026-1737MS	T1-060	ORG 74-97-5	Bromochloromethane	2500		ug/L	500	20.68	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 67-66-3	Chloroform	2300		ug/L	100	7.86	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	92%		
NAL13026-1737MS	T1-060	ORG 71-55-6	1,1,1-Trichloroethane	2500		ug/L	50	8.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 78-93-3	2-Butanone	20000		ug/L	50	40.59	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	240%		14000
NAL13026-1737MS	T1-060	ORG 56-23-5	Carbon tetrachloride	2600		ug/L	50	13.82	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG 71-43-2	Benzene	2400		ug/L	50	6.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	96%		7.3
NAL13026-1737MS	T1-060	ORG 107-06-2	1,2-Dichloroethane	2200		ug/L	50	10.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	88%		
NAL13026-1737MS	T1-060	ORG 79-01-6	Trichloroethene	2500		ug/L	50	18.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 74-95-3	Dibromomethane	2500		ug/L	100	16.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 78-87-5	1,2-Dichloropropane	2500		ug/L	50	9.08	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 75-27-4	Bromodichloromethane	2300		ug/L	100	5.79	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	92%		
NAL13026-1737MS	T1-060	ORG 10061-01-5	cis-1,3-Dichloropropene	2700		ug/L	50	12.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 108-88-3	Toluene	2300		ug/L	50	10.48	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	92%		
NAL13026-1737MS	T1-060	ORG 108-10-1	4-Methyl-2-pentanone	2700		ug/L	250	37.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		210
NAL13026-1737MS	T1-060	ORG 10061-02-6	trans-1,3-Dichloropropene	2700		ug/L	50	15.57	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 127-18-4	Tetrachloroethene	2500		ug/L	50	24.28	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 79-00-5	1,1,2-Trichloroethane	2200		ug/L	50	17.14	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	88%		
NAL13026-1737MS	T1-060	ORG 124-48-1	Dibromochloromethane	2600		ug/L	250	14.95	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG 106-93-4	1,2-Dibromoethane	2700		ug/L	100	13.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 591-78-6	2-Hexanone	1700		ug/L	100	34.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	61%		180
NAL13026-1737MS	T1-060	ORG 100-41-4	Ethylbenzene	2700		ug/L	100	12.69	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 108-90-7	Chlorobenzene	2400		ug/L	50	13.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	96%		
NAL13026-1737MS	T1-060	ORG 630-20-6	1,1,1,2-Tetrachloroethane	2600		ug/L	100	9.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG XYLMP	p&m-Xylene	5500		ug/L	100	13.07	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	5000	110%		
NAL13026-1737MS	T1-060	ORG 95-47-6	o-Xylene	2600		ug/L	50	6.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		7.7
NAL13026-1737MS	T1-060	ORG 100-42-5	Styrene	2600		ug/L	50	10.12	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG 75-25-2	Bromoform	2500		ug/L	100	23.41	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 98-82-8	Isopropylbenzene	2700		ug/L	100	10.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	106%		47
NAL13026-1737MS	T1-060	ORG 103-65-1	n-Propylbenzene	2800		ug/L	100	13.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	112%		
NAL13026-1737MS	T1-060	ORG 79-34-5	1,1,2,2-Tetrachloroethane	2300		ug/L	100	14.58	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	92%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1737MS	T1-060	ORG 96-18-4	1,2,3-Trichloropropane	2200		ug/L	100	14.73	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	88%		
NAL13026-1737MS	T1-060	ORG 108-67-8	1,3,5-Trimethylbenzene	2500		ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	99%		32
NAL13026-1737MS	T1-060	ORG 98-06-6	tert-Butylbenzene	2700		ug/L	100	16.30	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 95-63-6	1,2,4-Trimethylbenzene	2600		ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	101%		74
NAL13026-1737MS	T1-060	ORG 135-98-8	sec-Butylbenzene	2600		ug/L	100	16.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	ORG 541-73-1	1,3-Dichlorobenzene	2700		ug/L	100	11.11	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 99-87-6	p-Isopropyltoluene	2900		ug/L	100	12.74	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	101%		370
NAL13026-1737MS	T1-060	ORG 106-46-7	1,4-Dichlorobenzene	2600		ug/L	100	16.52	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	99%		120
NAL13026-1737MS	T1-060	ORG 95-50-1	1,2-Dichlorobenzene	2700		ug/L	100	13.19	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	108%		
NAL13026-1737MS	T1-060	ORG 104-51-8	n-Butylbenzene	2600		ug/L	250	13.90	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	103%		29
NAL13026-1737MS	T1-060	ORG 96-12-8	1,2-Dibromo-3-chloropropane	3000		ug/L	250	79.56	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	120%		
NAL13026-1737MS	T1-060	ORG 87-68-3	Hexachlorobutadiene	2500		ug/L	250	32.71	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 120-82-1	1,2,4-Trichlorobenzene	2500		ug/L	250	13.81	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	100%		
NAL13026-1737MS	T1-060	ORG 91-20-3	Naphthalene	3300		ug/L	250	28.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	112%		510
NAL13026-1737MS	T1-060	ORG 87-61-6	1,2,3-Trichlorobenzene	2600		ug/L	250	11.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	2500	104%		
NAL13026-1737MS	T1-060	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	50	100%		
NAL13026-1737MS	T1-060	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	50	88%		
NAL13026-1737MS	T1-060	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	50	92%		
NAL13026-1737MS	T1-060	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5217	50	106%		

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NAL13026-1737MSD	T1-060	ORG 75-71-8	Dichlorodifluoromethane	2500		ug/L	250	14.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 74-87-3	Chloromethane	2100		ug/L	250	21.54	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	84%	5%	
NAL13026-1737MSD	T1-060	ORG 75-01-4	Vinyl chloride	2300		ug/L	100	15.93	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	0%	
NAL13026-1737MSD	T1-060	ORG 74-83-9	Bromomethane	1800		ug/L	250	25.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	72%	0%	
NAL13026-1737MSD	T1-060	ORG 75-00-3	Chloroethane	1300		ug/L	250	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	52%	14%	
NAL13026-1737MSD	T1-060	ORG 75-69-4	Trichlorofluoromethane	6100		ug/L	250	9.83	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	244%	42%	
NAL13026-1737MSD	T1-060	ORG 75-35-4	1,1-Dichloroethene	1800		ug/L	50	23.55	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	72%	5%	
NAL13026-1737MSD	T1-060	ORG 75-09-2	Methylene chloride	2200		ug/L	250	13.23	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	88%	5%	
NAL13026-1737MSD	T1-060	ORG 67-64-1	Acetone	89000		ug/L	500	77.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	-80%	0%	91000
NAL13026-1737MSD	T1-060	ORG 156-60-5	trans-1,2-Dichloroethene	2400		ug/L	50	27.80	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	96%	0%	
NAL13026-1737MSD	T1-060	ORG 1634-04-4	MTBE	2700		ug/L	250	30.59	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	4%	
NAL13026-1737MSD	T1-060	ORG 75-34-3	1,1-Dichloroethane	2200		ug/L	50	26.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	88%	0%	
NAL13026-1737MSD	T1-060	ORG 156-59-2	cis-1,2-Dichloroethene	2800		ug/L	50	16.06	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	112%	0%	
NAL13026-1737MSD	T1-060	ORG 74-97-5	Bromochloromethane	2500		ug/L	500	20.68	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 67-66-3	Chloroform	2300		ug/L	100	7.86	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	0%	
NAL13026-1737MSD	T1-060	ORG 71-55-6	1,1,1-Trichloroethane	2500		ug/L	50	8.33	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 78-93-3	2-Butanone	20000		ug/L	50	40.59	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	240%	0%	14000
NAL13026-1737MSD	T1-060	ORG 56-23-5	Carbon tetrachloride	2500		ug/L	50	13.82	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	4%	
NAL13026-1737MSD	T1-060	ORG 71-43-2	Benzene	2500		ug/L	50	6.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	4%	7.3
NAL13026-1737MSD	T1-060	ORG 107-06-2	1,2-Dichloroethane	2300		ug/L	50	10.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	4%	
NAL13026-1737MSD	T1-060	ORG 79-01-6	Trichloroethene	2500		ug/L	50	18.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 74-95-3	Dibromomethane	2600		ug/L	100	16.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	4%	
NAL13026-1737MSD	T1-060	ORG 78-87-5	1,2-Dichloropropane	2600		ug/L	50	9.08	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	4%	
NAL13026-1737MSD	T1-060	ORG 75-27-4	Bromodichloromethane	2300		ug/L	100	5.79	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	0%	
NAL13026-1737MSD	T1-060	ORG 10061-01-5	cis-1,3-Dichloropropene	2700		ug/L	50	12.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	0%	
NAL13026-1737MSD	T1-060	ORG 108-88-3	Toluene	2300		ug/L	50	10.48	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	0%	
NAL13026-1737MSD	T1-060	ORG 108-10-1	4-Methyl-2-pentanone	2600		ug/L	250	37.00	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	96%	4%	210
NAL13026-1737MSD	T1-060	ORG 10061-02-6	trans-1,3-Dichloropropene	2800		ug/L	50	15.57	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	112%	4%	
NAL13026-1737MSD	T1-060	ORG 127-18-4	Tetrachloroethene	2500		ug/L	50	24.28	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 79-00-5	1,1,2-Trichloroethane	2300		ug/L	50	17.14	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	4%	
NAL13026-1737MSD	T1-060	ORG 124-48-1	Dibromochloromethane	2600		ug/L	250	14.95	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	0%	
NAL13026-1737MSD	T1-060	ORG 106-93-4	1,2-Dibromoethane	2700		ug/L	100	13.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	0%	
NAL13026-1737MSD	T1-060	ORG 591-78-6	2-Hexanone	1600		ug/L	100	34.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	57%	6%	180
NAL13026-1737MSD	T1-060	ORG 100-41-4	Ethylbenzene	2700		ug/L	50	12.69	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	0%	
NAL13026-1737MSD	T1-060	ORG 108-90-7	Chlorobenzene	2400		ug/L	50	13.76	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	96%	0%	
NAL13026-1737MSD	T1-060	ORG 630-20-6	1,1,1,2-Tetrachloroethane	2600		ug/L	100	9.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	0%	
NAL13026-1737MSD	T1-060	ORG XYLMP	p&m-Xylene	5500		ug/L	100	13.07	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	5000	110%	0%	
NAL13026-1737MSD	T1-060	ORG 95-47-6	o-Xylene	2700		ug/L	50	6.45	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	4%	7.7
NAL13026-1737MSD	T1-060	ORG 100-42-5	Styrene	2600		ug/L	50	10.12	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	0%	
NAL13026-1737MSD	T1-060	ORG 75-25-2	Bromoform	2600		ug/L	100	23.41	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	4%	
NAL13026-1737MSD	T1-060	ORG 98-82-8	Isopropylbenzene	2700		ug/L	100	10.24	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	106%	0%	47
NAL13026-1737MSD	T1-060	ORG 103-65-1	n-Propylbenzene	2800		ug/L	100	13.50	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	112%	0%	
NAL13026-1737MSD	T1-060	ORG 79-34-5	1,1,2,2-Tetrachloroethane	2300		ug/L	100	14.58	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	92%	0%	



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FINAL ANALYTICAL REPORT

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 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1737MSD	T1-060	ORG 96-18-4	1,2,3-Trichloropropane	2200		ug/L	100	14.73	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	88%	0%	
NAL13026-1737MSD	T1-060	ORG 108-67-8	1,3,5-Trimethylbenzene	2500		ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	99%	0%	32
NAL13026-1737MSD	T1-060	ORG 98-06-6	tert-Butylbenzene	2600		ug/L	100	16.30	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	4%	
NAL13026-1737MSD	T1-060	ORG 95-63-6	1,2,4-Trimethylbenzene	2600		ug/L	100	10.01	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	101%	0%	74
NAL13026-1737MSD	T1-060	ORG 135-98-8	sec-Butylbenzene	2600		ug/L	100	16.17	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	104%	0%	
NAL13026-1737MSD	T1-060	ORG 541-73-1	1,3-Dichlorobenzene	2700		ug/L	100	11.11	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	0%	
NAL13026-1737MSD	T1-060	ORG 99-87-6	p-Isopropyltoluene	2900		ug/L	100	12.74	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	101%	0%	370
NAL13026-1737MSD	T1-060	ORG 106-46-7	1,4-Dichlorobenzene	2600		ug/L	100	16.52	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	99%	0%	120
NAL13026-1737MSD	T1-060	ORG 95-50-1	1,2-Dichlorobenzene	2800		ug/L	100	13.19	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	112%	4%	
NAL13026-1737MSD	T1-060	ORG 104-51-8	n-Butylbenzene	2500		ug/L	250	13.90	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	99%	4%	29
NAL13026-1737MSD	T1-060	ORG 96-12-8	1,2-Dibromo-3-chloropropane	3100		ug/L	250	79.56	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	124%	3%	
NAL13026-1737MSD	T1-060	ORG 87-68-3	Hexachlorobutadiene	2400		ug/L	250	32.71	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	96%	4%	
NAL13026-1737MSD	T1-060	ORG 120-82-1	1,2,4-Trichlorobenzene	2500		ug/L	250	13.81	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	100%	0%	
NAL13026-1737MSD	T1-060	ORG 91-20-3	Naphthalene	3500		ug/L	250	28.02	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	120%	6%	510
NAL13026-1737MSD	T1-060	ORG 87-61-6	1,2,3-Trichlorobenzene	2700		ug/L	250	11.64	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	2500	108%	4%	
NAL13026-1737MSD	T1-060	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	50	98%	2%	
NAL13026-1737MSD	T1-060	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	50	88%	0%	
NAL13026-1737MSD	T1-060	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	50	94%	2%	
NAL13026-1737MSD	T1-060	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/7/2014	11/7/2014	11/7/2014	WG	50	NA	5.0	NA	SW8260B	NALD5218	50	106%	0%	

FINAL ANALYTICAL REPORT

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1738	T1-061	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 74-83-9	Bromomethane		UX-	ug/L	25	2.50	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 67-64-1	Acetone	100000	DX+	ug/L	5000	778.04	11/8/2014	11/8/2014	11/8/2014	WG	500	NA	5.0	NA	SW8260B	NALD5224				
NAL13026-1738	T1-061	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 67-66-3	Chloroform	1.7	J	ug/L	5	0.79	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 78-93-3	2-Butanone	18000	D	ug/L	5000	405.90	11/8/2014	11/8/2014	11/8/2014	WG	500	NA	5.0	NA	SW8260B	NALD5224				
NAL13026-1738	T1-061	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 71-43-2	Benzene	7.0		ug/L	5	0.68	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 108-88-3	Toluene	3.0	J	ug/L	5	1.05	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 108-10-1	4-Methyl-2-pentanone	360		ug/L	25	3.70	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 591-78-6	2-Hexanone	420		ug/L	25	3.45	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 100-41-4	Ethylbenzene	6.9		ug/L	5	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 108-90-7	Chlorobenzene	1.6	J	ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG XYLMP	p&m-Xylene	18		ug/L	10	1.31	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 95-47-6	o-Xylene	13		ug/L	5	0.64	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 100-42-5	Styrene	12		ug/L	5	1.01	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 98-82-8	Isopropylbenzene	9.9		ug/L	10	1.02	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 103-65-1	n-Propylbenzene	7.5		ug/L	10	1.35	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1738	T1-061	ORG 108-67-8	1,3,5-Trimethylbenzene	19		ug/L	10	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 95-63-6	1,2,4-Trimethylbenzene	100		ug/L	10	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 541-73-1	1,3-Dichlorobenzene	1.9	J	ug/L	10	1.11	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 99-87-6	p-Isopropyltoluene	450		ug/L	10	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 106-46-7	1,4-Dichlorobenzene	160		ug/L	10	1.65	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 95-50-1	1,2-Dichlorobenzene	4.5	J	ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 104-51-8	n-Butylbenzene	18	J	ug/L	25	1.39	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 120-82-1	1,2,4-Trichlorobenzene	7.3	J	ug/L	25	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 91-20-3	Naphthalene	600		ug/L	25	2.80	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	ORG 87-61-6	1,2,3-Trichlorobenzene	4.0	J	ug/L	25	1.16	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223				
NAL13026-1738	T1-061	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223	50	96%		
NAL13026-1738	T1-061	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223	50	88%		
NAL13026-1738	T1-061	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223	50	92%		
NAL13026-1738	T1-061	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5223	50	108%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814CCVA	D110814CCVA	ORG 75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	80%		
D110814CCVA	D110814CCVA	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	90%		
D110814CCVA	D110814CCVA	ORG 74-83-9	Bromomethane	34		ug/L	5	0.50	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	68%		
D110814CCVA	D110814CCVA	ORG 75-00-3	Chloroethane	31		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	62%		
D110814CCVA	D110814CCVA	ORG 75-69-4	Trichlorofluoromethane	74		ug/L	5	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	148%		
D110814CCVA	D110814CCVA	ORG 75-35-4	1,1-Dichloroethene	31		ug/L	1	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	62%		
D110814CCVA	D110814CCVA	ORG 75-09-2	Methylene chloride	43		ug/L	5	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	86%		
D110814CCVA	D110814CCVA	ORG 67-64-1	Acetone	69		ug/L	10	1.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	138%		
D110814CCVA	D110814CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	94%		
D110814CCVA	D110814CCVA	ORG 1634-04-4	MTBE	52		ug/L	5	0.61	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		
D110814CCVA	D110814CCVA	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	110%		
D110814CCVA	D110814CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	90%		
D110814CCVA	D110814CCVA	ORG 71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	96%		
D110814CCVA	D110814CCVA	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	106%		
D110814CCVA	D110814CCVA	ORG 56-23-5	Carbon tetrachloride	50		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	96%		
D110814CCVA	D110814CCVA	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	96%		
D110814CCVA	D110814CCVA	ORG 75-27-4	Bromodichloromethane	44		ug/L	2	0.12	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		
D110814CCVA	D110814CCVA	ORG 108-88-3	Toluene	44		ug/L	1	0.21	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	110%		
D110814CCVA	D110814CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	108%		
D110814CCVA	D110814CCVA	ORG 127-18-4	Tetrachloroethene	50		ug/L	1	0.49	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		
D110814CCVA	D110814CCVA	ORG 591-78-6	2-Hexanone	54		ug/L	2	0.69	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	108%		
D110814CCVA	D110814CCVA	ORG 100-41-4	Ethylbenzene	52		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		
D110814CCVA	D110814CCVA	ORG 108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	94%		
D110814CCVA	D110814CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	51		ug/L	2	0.19	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	100	110%		
D110814CCVA	D110814CCVA	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG 100-42-5	Styrene	49		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG 98-82-8	Isopropylbenzene	52		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		
D110814CCVA	D110814CCVA	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	110%		
D110814CCVA	D110814CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	45		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	90%		
D110814CCVA	D110814CCVA	ORG 96-18-4	1,2,3-Trichloropropane	44		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		



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D110814CCVA	D110814CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	49		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	ORG 98-06-6	tert-Butylbenzene	51		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	50		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 135-98-8	sec-Butylbenzene	50		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	100%		
D110814CCVA	D110814CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	106%		
D110814CCVA	D110814CCVA	ORG 99-87-6	p-Isopropyltoluene	51		ug/L	2	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	102%		
D110814CCVA	D110814CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	96%		
D110814CCVA	D110814CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	106%		
D110814CCVA	D110814CCVA	ORG 104-51-8	n-Butylbenzene	49		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	106%		
D110814CCVA	D110814CCVA	ORG 87-68-3	Hexachlorobutadiene	47		ug/L	5	0.65	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	94%		
D110814CCVA	D110814CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	45		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	90%		
D110814CCVA	D110814CCVA	ORG 91-20-3	Naphthalene	49		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	98%		
D110814CCVA	D110814CCVA	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	88%		
D110814CCVA	D110814CCVA	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	92%		
D110814CCVA	D110814CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5221	50	104%		

FINAL ANALYTICAL REPORT

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814MBKA	D110814MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					
D110814MBKA	D110814MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U	ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222					



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814MBKA	D110814MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222				
D110814MBKA	D110814MBKA	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222	50	94%		
D110814MBKA	D110814MBKA	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222	50	96%		
D110814MBKA	D110814MBKA	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222	50	100%		
D110814MBKA	D110814MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5222	50	108%		

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D110814ALCS	D110814ALCS	ORG 75-71-8	Dichlorodifluoromethane	53		ug/L	5	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	106%		
D110814ALCS	D110814ALCS	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	82%		
D110814ALCS	D110814ALCS	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	96%		
D110814ALCS	D110814ALCS	ORG 74-83-9	Bromomethane	45		ug/L	5	0.50	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	90%		
D110814ALCS	D110814ALCS	ORG 75-00-3	Chloroethane	30		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	60%		
D110814ALCS	D110814ALCS	ORG 75-69-4	Trichlorofluoromethane	130		ug/L	5	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	260%		
D110814ALCS	D110814ALCS	ORG 75-35-4	1,1-Dichloroethene	38		ug/L	1	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	76%		
D110814ALCS	D110814ALCS	ORG 75-09-2	Methylene chloride	28		ug/L	5	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	56%		
D110814ALCS	D110814ALCS	ORG 67-64-1	Acetone	32		ug/L	10	1.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	64%		
D110814ALCS	D110814ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	33		ug/L	1	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	66%		
D110814ALCS	D110814ALCS	ORG 1634-04-4	MTBE	60		ug/L	5	0.61	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	120%		
D110814ALCS	D110814ALCS	ORG 75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	90%		
D110814ALCS	D110814ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	112%		
D110814ALCS	D110814ALCS	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	110%		
D110814ALCS	D110814ALCS	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	94%		
D110814ALCS	D110814ALCS	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 78-93-3	2-Butanone	56		ug/L	1	0.81	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	112%		
D110814ALCS	D110814ALCS	ORG 56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	102%		
D110814ALCS	D110814ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	94%		
D110814ALCS	D110814ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	102%		
D110814ALCS	D110814ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		
D110814ALCS	D110814ALCS	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	92%		
D110814ALCS	D110814ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	92%		
D110814ALCS	D110814ALCS	ORG 108-10-1	4-Methyl-2-pentanone	58		ug/L	5	0.74	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	116%		
D110814ALCS	D110814ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	57		ug/L	1	0.31	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	114%		
D110814ALCS	D110814ALCS	ORG 127-18-4	Tetrachloroethene	58		ug/L	1	0.49	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	116%		
D110814ALCS	D110814ALCS	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	96%		
D110814ALCS	D110814ALCS	ORG 124-48-1	Dibromochloromethane	54		ug/L	5	0.30	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	112%		
D110814ALCS	D110814ALCS	ORG 591-78-6	2-Hexanone	49		ug/L	2	0.69	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	98%		
D110814ALCS	D110814ALCS	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	110%		
D110814ALCS	D110814ALCS	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	98%		
D110814ALCS	D110814ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	100	110%		
D110814ALCS	D110814ALCS	ORG 95-47-6	o-Xylene	53		ug/L	1	0.13	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	106%		
D110814ALCS	D110814ALCS	ORG 100-42-5	Styrene	52		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		
D110814ALCS	D110814ALCS	ORG 75-25-2	Bromoform	54		ug/L	2	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	112%		
D110814ALCS	D110814ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	96%		

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 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814ALCS	D110814ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	102%		
D110814ALCS	D110814ALCS	ORG 98-06-6	tert-Butylbenzene	51		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	102%		
D110814ALCS	D110814ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	52		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		
D110814ALCS	D110814ALCS	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		
D110814ALCS	D110814ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		
D110814ALCS	D110814ALCS	ORG 106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	110%		
D110814ALCS	D110814ALCS	ORG 104-51-8	n-Butylbenzene	50		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	59		ug/L	5	1.59	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	118%		
D110814ALCS	D110814ALCS	ORG 87-68-3	Hexachlorobutadiene	47		ug/L	5	0.65	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	94%		
D110814ALCS	D110814ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	47		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	94%		
D110814ALCS	D110814ALCS	ORG 91-20-3	Naphthalene	55		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	110%		
D110814ALCS	D110814ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	108%		
D110814ALCS	D110814ALCS	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	100%		
D110814ALCS	D110814ALCS	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	92%		
D110814ALCS	D110814ALCS	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	92%		
D110814ALCS	D110814ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5225	50	104%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814ALCD	D110814ALCD	ORG 75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	6%	
D110814ALCD	D110814ALCD	ORG 74-87-3	Chloromethane	39		ug/L	5	0.43	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	78%	5%	
D110814ALCD	D110814ALCD	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	4%	
D110814ALCD	D110814ALCD	ORG 74-83-9	Bromomethane	34		ug/L	5	0.50	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	68%	28%	
D110814ALCD	D110814ALCD	ORG 75-00-3	Chloroethane	29		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	58%	3%	
D110814ALCD	D110814ALCD	ORG 75-69-4	Trichlorofluoromethane	63		ug/L	5	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	126%	69%	
D110814ALCD	D110814ALCD	ORG 75-35-4	1,1-Dichloroethene	28		ug/L	1	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	56%	30%	
D110814ALCD	D110814ALCD	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	90%	47%	
D110814ALCD	D110814ALCD	ORG 67-64-1	Acetone	73		ug/L	10	1.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	146%	78%	
D110814ALCD	D110814ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	33%	
D110814ALCD	D110814ALCD	ORG 1634-04-4	MTBE	55		ug/L	5	0.61	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	110%	9%	
D110814ALCD	D110814ALCD	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	88%	2%	
D110814ALCD	D110814ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	108%	4%	
D110814ALCD	D110814ALCD	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	106%	4%	
D110814ALCD	D110814ALCD	ORG 67-66-3	Chloroform	46		ug/L	2	0.16	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	2%	
D110814ALCD	D110814ALCD	ORG 71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	96%	4%	
D110814ALCD	D110814ALCD	ORG 78-93-3	2-Butanone	51		ug/L	1	2.81	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	9%	
D110814ALCD	D110814ALCD	ORG 56-23-5	Carbon tetrachloride	49		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	98%	4%	
D110814ALCD	D110814ALCD	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	98%	2%	
D110814ALCD	D110814ALCD	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	2%	
D110814ALCD	D110814ALCD	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	2%	
D110814ALCD	D110814ALCD	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	2%	
D110814ALCD	D110814ALCD	ORG 78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	98%	2%	
D110814ALCD	D110814ALCD	ORG 75-27-4	Bromodichloromethane	44		ug/L	2	0.12	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	88%	4%	
D110814ALCD	D110814ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	104%	4%	
D110814ALCD	D110814ALCD	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	90%	2%	
D110814ALCD	D110814ALCD	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	112%	4%	
D110814ALCD	D110814ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	110%	4%	
D110814ALCD	D110814ALCD	ORG 127-18-4	Tetrachloroethene	55		ug/L	1	0.49	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	110%	5%	
D110814ALCD	D110814ALCD	ORG 79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	4%	
D110814ALCD	D110814ALCD	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	104%	4%	
D110814ALCD	D110814ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	110%	2%	
D110814ALCD	D110814ALCD	ORG 591-78-6	2-Hexanone	52		ug/L	2	0.69	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	104%	6%	
D110814ALCD	D110814ALCD	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	108%	2%	
D110814ALCD	D110814ALCD	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	96%	2%	
D110814ALCD	D110814ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	106%	2%	
D110814ALCD	D110814ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	100	110%	0%	
D110814ALCD	D110814ALCD	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	4%	
D110814ALCD	D110814ALCD	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	4%	
D110814ALCD	D110814ALCD	ORG 75-25-2	Bromoform	54		ug/L	2	0.47	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	108%	0%	
D110814ALCD	D110814ALCD	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	106%	2%	
D110814ALCD	D110814ALCD	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	110%	2%	
D110814ALCD	D110814ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	96%	4%	
D110814ALCD	D110814ALCD	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	96%	0%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110814ALCD	D110814ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	2%	
D110814ALCD	D110814ALCD	ORG 98-06-6	tert-Butylbenzene	50		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	2%	
D110814ALCD	D110814ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	2%	
D110814ALCD	D110814ALCD	ORG 135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	2%	
D110814ALCD	D110814ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	106%	2%	
D110814ALCD	D110814ALCD	ORG 99-87-6	p-Isopropyltoluene	51		ug/L	2	0.25	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	2%	
D110814ALCD	D110814ALCD	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	98%	2%	
D110814ALCD	D110814ALCD	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	108%	2%	
D110814ALCD	D110814ALCD	ORG 104-51-8	n-Butylbenzene	48		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	96%	4%	
D110814ALCD	D110814ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	116%	2%	
D110814ALCD	D110814ALCD	ORG 87-68-3	Hexachlorobutadiene	47		ug/L	5	0.65	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	94%	0%	
D110814ALCD	D110814ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	47		ug/L	5	0.28	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	94%	0%	
D110814ALCD	D110814ALCD	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	108%	2%	
D110814ALCD	D110814ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	106%	2%	
D110814ALCD	D110814ALCD	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	100%	0%	
D110814ALCD	D110814ALCD	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	0%	
D110814ALCD	D110814ALCD	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	92%	0%	
D110814ALCD	D110814ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/8/2014	11/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5226	50	102%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1738MS	T1-061	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	80%		
NAL13026-1738MS	T1-061	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	92%		
NAL13026-1738MS	T1-061	ORG 74-83-9	Bromomethane	170		ug/L	25	2.50	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	68%		
NAL13026-1738MS	T1-061	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	52%		
NAL13026-1738MS	T1-061	ORG 75-69-4	Trichlorofluoromethane	330		ug/L	25	0.98	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	132%		
NAL13026-1738MS	T1-061	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	64%		
NAL13026-1738MS	T1-061	ORG 75-09-2	Methylene chloride	210		ug/L	25	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	84%		
NAL13026-1738MS	T1-061	ORG 67-64-1	Acetone	45000		ug/L	50	7.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	-22000%		100000
NAL13026-1738MS	T1-061	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	96%		
NAL13026-1738MS	T1-061	ORG 1634-04-4	MTBE	260		ug/L	25	3.06	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		
NAL13026-1738MS	T1-061	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	88%		
NAL13026-1738MS	T1-061	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	112%		
NAL13026-1738MS	T1-061	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	96%		
NAL13026-1738MS	T1-061	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	91%		1.7
NAL13026-1738MS	T1-061	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 78-93-3	2-Butanone	15000		ug/L	5	4.06	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	-1200%		18000
NAL13026-1738MS	T1-061	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	97%		7.0
NAL13026-1738MS	T1-061	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	88%		
NAL13026-1738MS	T1-061	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	108%		
NAL13026-1738MS	T1-061	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	88%		
NAL13026-1738MS	T1-061	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		
NAL13026-1738MS	T1-061	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	87%		3.0
NAL13026-1738MS	T1-061	ORG 108-10-1	4-Methyl-2-pentanone	600		ug/L	25	3.70	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	96%		360
NAL13026-1738MS	T1-061	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	88%		
NAL13026-1738MS	T1-061	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	96%		
NAL13026-1738MS	T1-061	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		
NAL13026-1738MS	T1-061	ORG 591-78-6	2-Hexanone	530		ug/L	10	3.45	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	44%		420
NAL13026-1738MS	T1-061	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	105%		6.9
NAL13026-1738MS	T1-061	ORG 108-90-7	Chlorobenzene	240		ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	95%		1.6
NAL13026-1738MS	T1-061	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	500	106%		18
NAL13026-1738MS	T1-061	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	103%		13
NAL13026-1738MS	T1-061	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	99%		12
NAL13026-1738MS	T1-061	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		
NAL13026-1738MS	T1-061	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		9.9
NAL13026-1738MS	T1-061	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	109%		7.5
NAL13026-1738MS	T1-061	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	96%		
NAL13026-1738MS	T1-061	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	88%		

Confidential
D110814AKCF

D110814AKCF



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NAL13026-1738MS	T1-061	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		
NAL13026-1738MS	T1-061	ORG 95-63-6	1,2,4-Trimethylbenzene	350		ug/L	10	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	100%		100
NAL13026-1738MS	T1-061	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	104%		
NAL13026-1738MS	T1-061	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	107%		1.9
NAL13026-1738MS	T1-061	ORG 99-87-6	p-Isopropyltoluene	660		ug/L	10	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	84%		450
NAL13026-1738MS	T1-061	ORG 106-46-7	1,4-Dichlorobenzene	390		ug/L	10	1.65	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	92%		160
NAL13026-1738MS	T1-061	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	106%		4.5
NAL13026-1738MS	T1-061	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	97%		18
NAL13026-1738MS	T1-061	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	120%		
NAL13026-1738MS	T1-061	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	72%		
NAL13026-1738MS	T1-061	ORG 120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	89%		7.3
NAL13026-1738MS	T1-061	ORG 91-20-3	Naphthalene	810		ug/L	25	2.80	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	84%		600
NAL13026-1738MS	T1-061	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	250	94%		4.0
NAL13026-1738MS	T1-061	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	50	102%		
NAL13026-1738MS	T1-061	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	50	86%		
NAL13026-1738MS	T1-061	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	50	92%		
NAL13026-1738MS	T1-061	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5227	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1738MSD	T1-061	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	4%	
NAL13026-1738MSD	T1-061	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	76%	5%	
NAL13026-1738MSD	T1-061	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	92%	0%	
NAL13026-1738MSD	T1-061	ORG 74-83-9	Bromomethane	180		ug/L	25	2.50	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	72%	6%	
NAL13026-1738MSD	T1-061	ORG 75-00-3	Chloroethane	140		ug/L	25	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	56%	7%	
NAL13026-1738MSD	T1-061	ORG 75-69-4	Trichlorofluoromethane	380		ug/L	25	0.98	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	152%	14%	
NAL13026-1738MSD	T1-061	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	64%	0%	
NAL13026-1738MSD	T1-061	ORG 75-09-2	Methylene chloride	210		ug/L	25	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	84%	0%	
NAL13026-1738MSD	T1-061	ORG 67-64-1	Acetone	43000		ug/L	50	7.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	-22800%	5%	100000
NAL13026-1738MSD	T1-061	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	0%	
NAL13026-1738MSD	T1-061	ORG 1634-04-4	MTBE	270		ug/L	25	3.06	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	108%	4%	
NAL13026-1738MSD	T1-061	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	88%	0%	
NAL13026-1738MSD	T1-061	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	112%	0%	
NAL13026-1738MSD	T1-061	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	0%	
NAL13026-1738MSD	T1-061	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	91%	0%	1.7
NAL13026-1738MSD	T1-061	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 78-93-3	2-Butanone	14000		ug/L	5	4.06	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	-1600%	7%	18000
NAL13026-1738MSD	T1-061	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	97%	0%	7.0
NAL13026-1738MSD	T1-061	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	88%	0%	
NAL13026-1738MSD	T1-061	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	104%	4%	
NAL13026-1738MSD	T1-061	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	1.91	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	88%	0%	
NAL13026-1738MSD	T1-061	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	104%	0%	
NAL13026-1738MSD	T1-061	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	87%	0%	3.0
NAL13026-1738MSD	T1-061	ORG 108-10-1	4-Methyl-2-pentanone	580		ug/L	25	3.70	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	88%	3%	360
NAL13026-1738MSD	T1-061	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 79-00-5	1,1,2-Trichloroethane	210		ug/L	5	1.71	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	84%	5%	
NAL13026-1738MSD	T1-061	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	0%	
NAL13026-1738MSD	T1-061	ORG 106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	4%	
NAL13026-1738MSD	T1-061	ORG 591-78-6	2-Hexanone	520		ug/L	10	3.45	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	40%	2%	420
NAL13026-1738MSD	T1-061	ORG 100-41-4	Ethylbenzene	260		ug/L	5	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	101%	4%	6.9
NAL13026-1738MSD	T1-061	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	91%	4%	1.6
NAL13026-1738MSD	T1-061	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	4%	
NAL13026-1738MSD	T1-061	ORG XYLMP	p&m-Xylene	540		ug/L	10	1.31	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	500	104%	2%	18
NAL13026-1738MSD	T1-061	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	103%	0%	13
NAL13026-1738MSD	T1-061	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	99%	0%	12
NAL13026-1738MSD	T1-061	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	0%	
NAL13026-1738MSD	T1-061	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	104%	0%	9.9
NAL13026-1738MSD	T1-061	ORG 103-65-1	n-Propylbenzene	270		ug/L	10	1.35	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	105%	4%	7.5
NAL13026-1738MSD	T1-061	ORG 79-34-5	1,1,2,2-Tetrachloroethane	230		ug/L	10	1.46	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	92%	4%	
NAL13026-1738MSD	T1-061	ORG 96-18-4	1,2,3-Trichloropropane	210		ug/L	10	1.47	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	84%	5%	

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NAL13026-1738MSD	T1-061	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	0%	19
NAL13026-1738MSD	T1-061	ORG 98-06-6	tert-Butylbenzene	250		ug/L	10	1.63	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	4%	
NAL13026-1738MSD	T1-061	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	96%	3%	100
NAL13026-1738MSD	T1-061	ORG 135-98-8	sec-Butylbenzene	250		ug/L	10	1.62	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	100%	4%	
NAL13026-1738MSD	T1-061	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	103%	4%	1.9
NAL13026-1738MSD	T1-061	ORG 99-87-6	p-Isopropyltoluene	640		ug/L	10	1.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	76%	3%	450
NAL13026-1738MSD	T1-061	ORG 106-46-7	1,4-Dichlorobenzene	380		ug/L	10	1.65	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	88%	3%	160
NAL13026-1738MSD	T1-061	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	106%	0%	4.5
NAL13026-1738MSD	T1-061	ORG 104-51-8	n-Butylbenzene	250		ug/L	25	1.39	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	93%	4%	18
NAL13026-1738MSD	T1-061	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	120%	0%	
NAL13026-1738MSD	T1-061	ORG 87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	68%	6%	
NAL13026-1738MSD	T1-061	ORG 120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	89%	0%	7.3
NAL13026-1738MSD	T1-061	ORG 91-20-3	Naphthalene	780		ug/L	25	2.80	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	72%	4%	600
NAL13026-1738MSD	T1-061	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	250	94%	0%	4.0
NAL13026-1738MSD	T1-061	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	50	100%	2%	
NAL13026-1738MSD	T1-061	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	50	86%	0%	
NAL13026-1738MSD	T1-061	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	50	92%	0%	
NAL13026-1738MSD	T1-061	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/8/2014	11/8/2014	11/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5228	50	108%	2%	



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NAL13026-1739	T1-062	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 67-64-1	Acetone	76000	D	ug/L	5000	778.04	11/9/2014	11/9/2014	11/9/2014	WG	500	NA	5.0	NA	SW8260B	NALD5233				
NAL13026-1739	T1-062	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 78-93-3	2-Butanone	12000	D	ug/L	5000	405.90	11/9/2014	11/9/2014	11/9/2014	WG	500	NA	5.0	NA	SW8260B	NALD5233				
NAL13026-1739	T1-062	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 71-43-2	Benzene	9.3		ug/L	5	0.68	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 108-88-3	Toluene	4.4	J	ug/L	5	1.05	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 108-10-1	4-Methyl-2-pentanone	370		ug/L	25	3.70	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 591-78-6	2-Hexanone	480		ug/L	25	3.45	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 100-41-4	Ethylbenzene	12		ug/L	5	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 108-90-7	Chlorobenzene	1.5	J	ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG XYLMP	p&m-Xylene	31		ug/L	10	1.31	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 95-47-6	o-Xylene	21		ug/L	5	0.64	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 100-42-5	Styrene	12		ug/L	5	1.01	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 98-82-8	Isopropylbenzene	14		ug/L	10	1.02	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 103-65-1	n-Propylbenzene	12		ug/L	10	1.35	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				



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Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1739	T1-062	ORG 108-67-8	1,3,5-Trimethylbenzene	30		ug/L	10	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 95-63-6	1,2,4-Trimethylbenzene	160		ug/L	10	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 135-98-8	sec-Butylbenzene	1.6	J	ug/L	10	1.62	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 541-73-1	1,3-Dichlorobenzene	1.6	J	ug/L	10	1.11	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 99-87-6	p-Isopropyltoluene	710		ug/L	10	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 106-46-7	1,4-Dichlorobenzene	220		ug/L	10	1.65	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 95-50-1	1,2-Dichlorobenzene	5.0	J	ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 104-51-8	n-Butylbenzene	16	J	ug/L	25	1.39	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 120-82-1	1,2,4-Trichlorobenzene	7.5	J	ug/L	25	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 91-20-3	Naphthalene	710		ug/L	25	2.80	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	ORG 87-61-6	1,2,3-Trichlorobenzene	3.2	J	ug/L	25	1.16	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234				
NAL13026-1739	T1-062	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234	50	94%		
NAL13026-1739	T1-062	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234	50	88%		
NAL13026-1739	T1-062	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234	50	94%		
NAL13026-1739	T1-062	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5234	50	110%		



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D110914CCVA	D110914CCVA	ORG 75-71-8	Dichlorodifluoromethane	55		ug/L	5	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	72%		
D110914CCVA	D110914CCVA	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	ORG 74-83-9	Bromomethane	50		ug/L	5	0.50	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	100%		
D110914CCVA	D110914CCVA	ORG 75-00-3	Chloroethane	31		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	62%		
D110914CCVA	D110914CCVA	ORG 75-69-4	Trichlorofluoromethane	210		ug/L	5	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	420%		
D110914CCVA	D110914CCVA	ORG 75-35-4	1,1-Dichloroethene	34		ug/L	1	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	68%		
D110914CCVA	D110914CCVA	ORG 75-09-2	Methylene chloride	44		ug/L	5	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	88%		
D110914CCVA	D110914CCVA	ORG 67-64-1	Acetone	56		ug/L	10	1.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	112%		
D110914CCVA	D110914CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	ORG 1634-04-4	MTBE	55		ug/L	5	0.61	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	88%		
D110914CCVA	D110914CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	112%		
D110914CCVA	D110914CCVA	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	90%		
D110914CCVA	D110914CCVA	ORG 71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	96%		
D110914CCVA	D110914CCVA	ORG 107-06-2	1,2-Dichloroethane	43		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	86%		
D110914CCVA	D110914CCVA	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	100%		
D110914CCVA	D110914CCVA	ORG 74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	96%		
D110914CCVA	D110914CCVA	ORG 78-87-5	1,2-Dichloropropane	47		ug/L	1	0.18	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	94%		
D110914CCVA	D110914CCVA	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	90%		
D110914CCVA	D110914CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	108%		
D110914CCVA	D110914CCVA	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	90%		
D110914CCVA	D110914CCVA	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	100%		
D110914CCVA	D110914CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	108%		
D110914CCVA	D110914CCVA	ORG 127-18-4	Tetrachloroethene	51		ug/L	1	0.49	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	102%		
D110914CCVA	D110914CCVA	ORG 79-00-5	1,1,2-Trichloroethane	43		ug/L	1	0.34	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	86%		
D110914CCVA	D110914CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	102%		
D110914CCVA	D110914CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	102%		
D110914CCVA	D110914CCVA	ORG 591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	86%		
D110914CCVA	D110914CCVA	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	106%		
D110914CCVA	D110914CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	100	110%		
D110914CCVA	D110914CCVA	ORG 95-47-6	o-Xylene	53		ug/L	1	0.13	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	106%		
D110914CCVA	D110914CCVA	ORG 100-42-5	Styrene	52		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 75-25-2	Bromoform	55		ug/L	2	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	114%		
D110914CCVA	D110914CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	88%		
D110914CCVA	D110914CCVA	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	86%		

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D110914AKCF

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110914CCVA	D110914CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	102%		
D110914CCVA	D110914CCVA	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	108%		
D110914CCVA	D110914CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	102%		
D110914CCVA	D110914CCVA	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	106%		
D110914CCVA	D110914CCVA	ORG 541-73-1	1,3-Dichlorobenzene	52		ug/L	2	0.22	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	106%		
D110914CCVA	D110914CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	96%		
D110914CCVA	D110914CCVA	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	104%		
D110914CCVA	D110914CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	110%		
D110914CCVA	D110914CCVA	ORG 87-68-3	Hexachlorobutadiene	50		ug/L	5	0.65	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	100%		
D110914CCVA	D110914CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	46		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	92%		
D110914CCVA	D110914CCVA	ORG 91-20-3	Naphthalene	47		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	94%		
D110914CCVA	D110914CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	100%		
D110914CCVA	D110914CCVA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	98%		
D110914CCVA	D110914CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	86%		
D110914CCVA	D110914CCVA	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	94%		
D110914CCVA	D110914CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5230	50	106%		



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Table with columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Contains 40 rows of analytical data for various compounds like Dichlorodifluoromethane, Chloromethane, Vinyl chloride, etc.



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D110914MBKA	D110914MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232				
D110914MBKA	D110914MBKA	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232	50	94%		
D110914MBKA	D110914MBKA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232	50	92%		
D110914MBKA	D110914MBKA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232	50	98%		
D110914MBKA	D110914MBKA	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5232	50	110%		



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D110914ALCS	D110914ALCS	ORG 75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	72%		
D110914ALCS	D110914ALCS	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	92%		
D110914ALCS	D110914ALCS	ORG 74-83-9	Bromomethane	46		ug/L	5	0.50	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	92%		
D110914ALCS	D110914ALCS	ORG 75-00-3	Chloroethane	29		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	58%		
D110914ALCS	D110914ALCS	ORG 75-69-4	Trichlorofluoromethane	270		ug/L	5	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	540%		
D110914ALCS	D110914ALCS	ORG 75-35-4	1,1-Dichloroethene	34		ug/L	1	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	68%		
D110914ALCS	D110914ALCS	ORG 75-09-2	Methylene chloride	43		ug/L	5	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	86%		
D110914ALCS	D110914ALCS	ORG 67-64-1	Acetone	65		ug/L	10	1.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	130%		
D110914ALCS	D110914ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 1634-04-4	MTBE	53		ug/L	5	0.61	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	106%		
D110914ALCS	D110914ALCS	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	110%		
D110914ALCS	D110914ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	90%		
D110914ALCS	D110914ALCS	ORG 71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 78-93-3	2-Butanone	55		ug/L	1	0.81	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	110%		
D110914ALCS	D110914ALCS	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	ORG 79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	98%		
D110914ALCS	D110914ALCS	ORG 74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 78-87-5	1,2-Dichloropropane	47		ug/L	1	0.18	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	94%		
D110914ALCS	D110914ALCS	ORG 75-27-4	Bromodichloromethane	44		ug/L	2	0.12	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	106%		
D110914ALCS	D110914ALCS	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	90%		
D110914ALCS	D110914ALCS	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	108%		
D110914ALCS	D110914ALCS	ORG 127-18-4	Tetrachloroethene	51		ug/L	1	0.49	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	ORG 591-78-6	2-Hexanone	45		ug/L	2	0.69	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	90%		
D110914ALCS	D110914ALCS	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	108%		
D110914ALCS	D110914ALCS	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	100	110%		
D110914ALCS	D110914ALCS	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	108%		
D110914ALCS	D110914ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	112%		
D110914ALCS	D110914ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	86%		



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12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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- J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
- M = Matrix assessment, QC analyses parameter exceeded control limits.
- U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110914ALCS	D110914ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	106%		
D110914ALCS	D110914ALCS	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	104%		
D110914ALCS	D110914ALCS	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	96%		
D110914ALCS	D110914ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	106%		
D110914ALCS	D110914ALCS	ORG 104-51-8	n-Butylbenzene	50		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	98%		
D110914ALCS	D110914ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	47		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	94%		
D110914ALCS	D110914ALCS	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	100%		
D110914ALCS	D110914ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		
D110914ALCS	D110914ALCS	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	98%		
D110914ALCS	D110914ALCS	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	88%		
D110914ALCS	D110914ALCS	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	94%		
D110914ALCS	D110914ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5231	50	102%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110914ALCD	D110914ALCD	ORG 75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	100%	4%	
D110914ALCD	D110914ALCD	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	76%	5%	
D110914ALCD	D110914ALCD	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	0%	
D110914ALCD	D110914ALCD	ORG 74-83-9	Bromomethane	40		ug/L	5	0.50	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	80%	14%	
D110914ALCD	D110914ALCD	ORG 75-00-3	Chloroethane	30		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	60%	3%	
D110914ALCD	D110914ALCD	ORG 75-69-4	Trichlorofluoromethane	120		ug/L	5	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	240%	77%	
D110914ALCD	D110914ALCD	ORG 75-35-4	1,1-Dichloroethene	35		ug/L	1	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	70%	3%	
D110914ALCD	D110914ALCD	ORG 75-09-2	Methylene chloride	43		ug/L	5	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	86%	0%	
D110914ALCD	D110914ALCD	ORG 67-64-1	Acetone	71		ug/L	10	1.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	142%	9%	
D110914ALCD	D110914ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	100%	4%	
D110914ALCD	D110914ALCD	ORG 1634-04-4	MTBE	56		ug/L	5	0.61	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	112%	6%	
D110914ALCD	D110914ALCD	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	4%	
D110914ALCD	D110914ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	114%	4%	
D110914ALCD	D110914ALCD	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	6%	
D110914ALCD	D110914ALCD	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	94%	4%	
D110914ALCD	D110914ALCD	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	100%	4%	
D110914ALCD	D110914ALCD	ORG 78-93-3	2-Butanone	48		ug/L	1	0.81	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	96%	14%	
D110914ALCD	D110914ALCD	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	104%	0%	
D110914ALCD	D110914ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	6%	
D110914ALCD	D110914ALCD	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	94%	7%	
D110914ALCD	D110914ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	104%	6%	
D110914ALCD	D110914ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	104%	8%	
D110914ALCD	D110914ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	8%	
D110914ALCD	D110914ALCD	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	4%	
D110914ALCD	D110914ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	55		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	4%	
D110914ALCD	D110914ALCD	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	90%	0%	
D110914ALCD	D110914ALCD	ORG 108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	6%	
D110914ALCD	D110914ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	56		ug/L	1	0.31	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	112%	4%	
D110914ALCD	D110914ALCD	ORG 127-18-4	Tetrachloroethene	53		ug/L	1	0.49	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	4%	
D110914ALCD	D110914ALCD	ORG 79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	4%	
D110914ALCD	D110914ALCD	ORG 124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	6%	
D110914ALCD	D110914ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	8%	
D110914ALCD	D110914ALCD	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	100%	11%	
D110914ALCD	D110914ALCD	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	108%	0%	
D110914ALCD	D110914ALCD	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	98%	2%	
D110914ALCD	D110914ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	2%	
D110914ALCD	D110914ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	100	110%	0%	
D110914ALCD	D110914ALCD	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	104%	2%	
D110914ALCD	D110914ALCD	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	2%	
D110914ALCD	D110914ALCD	ORG 75-25-2	Bromoform	53		ug/L	2	0.47	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	6%	
D110914ALCD	D110914ALCD	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	108%	0%	
D110914ALCD	D110914ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	112%	0%	
D110914ALCD	D110914ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	47		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	94%	7%	
D110914ALCD	D110914ALCD	ORG 96-18-4	1,2,3-Trichloropropane	46		ug/L	2	0.29	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	7%	



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 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D110914ALCD	D110914ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	0%	
D110914ALCD	D110914ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	2%	
D110914ALCD	D110914ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	0%	
D110914ALCD	D110914ALCD	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	104%	0%	
D110914ALCD	D110914ALCD	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	4%	
D110914ALCD	D110914ALCD	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	2%	
D110914ALCD	D110914ALCD	ORG 106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	100%	4%	
D110914ALCD	D110914ALCD	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	4%	
D110914ALCD	D110914ALCD	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	2%	
D110914ALCD	D110914ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	110%	10%	
D110914ALCD	D110914ALCD	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	98%	0%	
D110914ALCD	D110914ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	98%	4%	
D110914ALCD	D110914ALCD	ORG 91-20-3	Naphthalene	53		ug/L	5	0.56	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	106%	6%	
D110914ALCD	D110914ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	108%	6%	
D110914ALCD	D110914ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	4%	
D110914ALCD	D110914ALCD	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	4%	
D110914ALCD	D110914ALCD	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	92%	2%	
D110914ALCD	D110914ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/9/2014	11/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5236	50	102%	0%	

FINAL ANALYTICAL REPORT

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NAL13026-1739MS	T1-062	ORG 75-71-8	Dichlorodifluoromethane	340		ug/L	25	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	136%		
NAL13026-1739MS	T1-062	ORG 74-87-3	Chloromethane	180		ug/L	25	2.15	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	72%		
NAL13026-1739MS	T1-062	ORG 75-01-4	Vinyl chloride	220		ug/L	10	1.59	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	88%		
NAL13026-1739MS	T1-062	ORG 74-83-9	Bromomethane	190		ug/L	25	2.50	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	76%		
NAL13026-1739MS	T1-062	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	52%		
NAL13026-1739MS	T1-062	ORG 75-69-4	Trichlorofluoromethane	410		ug/L	25	0.98	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	164%		
NAL13026-1739MS	T1-062	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	64%		
NAL13026-1739MS	T1-062	ORG 75-09-2	Methylene chloride	310		ug/L	25	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	124%		
NAL13026-1739MS	T1-062	ORG 67-64-1	Acetone	46000		ug/L	50	7.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	-12000%		76000
NAL13026-1739MS	T1-062	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	92%		
NAL13026-1739MS	T1-062	ORG 1634-04-4	MTBE	270		ug/L	25	3.06	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	108%		
NAL13026-1739MS	T1-062	ORG 75-34-3	1,1-Dichloroethane	210		ug/L	5	2.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	84%		
NAL13026-1739MS	T1-062	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	112%		
NAL13026-1739MS	T1-062	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		
NAL13026-1739MS	T1-062	ORG 67-66-3	Chloroform	220		ug/L	10	0.79	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	88%		
NAL13026-1739MS	T1-062	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		
NAL13026-1739MS	T1-062	ORG 78-93-3	2-Butanone	15000		ug/L	5	4.06	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	1200%		12000
NAL13026-1739MS	T1-062	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		
NAL13026-1739MS	T1-062	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		9.3
NAL13026-1739MS	T1-062	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	88%		
NAL13026-1739MS	T1-062	ORG 79-01-6	Trichloroethene	240		ug/L	5	1.82	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		
NAL13026-1739MS	T1-062	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	104%		
NAL13026-1739MS	T1-062	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		
NAL13026-1739MS	T1-062	ORG 75-27-4	Bromodichloromethane	210		ug/L	10	0.58	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	84%		
NAL13026-1739MS	T1-062	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	104%		
NAL13026-1739MS	T1-062	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	86%		4.4
NAL13026-1739MS	T1-062	ORG 108-10-1	4-Methyl-2-pentanone	580		ug/L	25	3.70	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	84%		370
NAL13026-1739MS	T1-062	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		
NAL13026-1739MS	T1-062	ORG 127-18-4	Tetrachloroethene	240		ug/L	5	2.43	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		
NAL13026-1739MS	T1-062	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	88%		
NAL13026-1739MS	T1-062	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		
NAL13026-1739MS	T1-062	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	104%		
NAL13026-1739MS	T1-062	ORG 591-78-6	2-Hexanone	530		ug/L	10	3.45	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	20%		480
NAL13026-1739MS	T1-062	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	103%		12
NAL13026-1739MS	T1-062	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	91%		1.5
NAL13026-1739MS	T1-062	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		
NAL13026-1739MS	T1-062	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	500	104%		31
NAL13026-1739MS	T1-062	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	100%		21
NAL13026-1739MS	T1-062	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	99%		12
NAL13026-1739MS	T1-062	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	96%		
NAL13026-1739MS	T1-062	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	102%		14
NAL13026-1739MS	T1-062	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	107%		12
NAL13026-1739MS	T1-062	ORG 79-34-5	1,1,2,2-Tetrachloroethane	230		ug/L	10	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	92%		
NAL13026-1739MS	T1-062	ORG 96-18-4	1,2,3-Trichloropropane	210		ug/L	10	1.47	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	84%		



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NAL13026-1739MS	T1-062	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	104%		
NAL13026-1739MS	T1-062	ORG 95-63-6	1,2,4-Trimethylbenzene	390		ug/L	10	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	92%		160
NAL13026-1739MS	T1-062	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	103%		1.6
NAL13026-1739MS	T1-062	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	103%		1.6
NAL13026-1739MS	T1-062	ORG 99-87-6	p-Isopropyltoluene	820		ug/L	10	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	44%		710
NAL13026-1739MS	T1-062	ORG 106-46-7	1,4-Dichlorobenzene	440		ug/L	10	1.65	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	88%		220
NAL13026-1739MS	T1-062	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	106%		5.0
NAL13026-1739MS	T1-062	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	98%		16
NAL13026-1739MS	T1-062	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	120%		
NAL13026-1739MS	T1-062	ORG 87-68-3	Hexachlorobutadiene	160		ug/L	25	3.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	64%		
NAL13026-1739MS	T1-062	ORG 120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	89%		7.5
NAL13026-1739MS	T1-062	ORG 91-20-3	Naphthalene	860		ug/L	25	2.80	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	60%		710
NAL13026-1739MS	T1-062	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	250	91%		3.2
NAL13026-1739MS	T1-062	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	50	100%		
NAL13026-1739MS	T1-062	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	50	86%		
NAL13026-1739MS	T1-062	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	50	90%		
NAL13026-1739MS	T1-062	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5237	50	106%		



FINAL ANALYTICAL REPORT

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Project #: NAL13-026
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NAL13026-1739MSD	T1-062	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	34%	
NAL13026-1739MSD	T1-062	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	76%	5%	
NAL13026-1739MSD	T1-062	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	92%	4%	
NAL13026-1739MSD	T1-062	ORG 74-83-9	Bromomethane	180		ug/L	25	2.50	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	72%	5%	
NAL13026-1739MSD	T1-062	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	52%	0%	
NAL13026-1739MSD	T1-062	ORG 75-69-4	Trichlorofluoromethane	490		ug/L	25	0.98	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	196%	18%	
NAL13026-1739MSD	T1-062	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	64%	0%	
NAL13026-1739MSD	T1-062	ORG 75-09-2	Methylene chloride	210		ug/L	25	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	84%	38%	
NAL13026-1739MSD	T1-062	ORG 67-64-1	Acetone	46000		ug/L	50	7.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	-12000%	0%	76000
NAL13026-1739MSD	T1-062	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	4%	
NAL13026-1739MSD	T1-062	ORG 1634-04-4	MTBE	280		ug/L	25	3.06	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	112%	4%	
NAL13026-1739MSD	T1-062	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	88%	5%	
NAL13026-1739MSD	T1-062	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	112%	0%	
NAL13026-1739MSD	T1-062	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	0%	
NAL13026-1739MSD	T1-062	ORG 67-66-3	Chloroform	220		ug/L	10	0.79	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	88%	0%	
NAL13026-1739MSD	T1-062	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	0%	
NAL13026-1739MSD	T1-062	ORG 78-93-3	2-Butanone	16000		ug/L	5	4.06	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	1600%	6%	12000
NAL13026-1739MSD	T1-062	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	0%	
NAL13026-1739MSD	T1-062	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	0%	9.3
NAL13026-1739MSD	T1-062	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	88%	0%	
NAL13026-1739MSD	T1-062	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	4%	
NAL13026-1739MSD	T1-062	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	104%	0%	
NAL13026-1739MSD	T1-062	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	0%	
NAL13026-1739MSD	T1-062	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	88%	5%	
NAL13026-1739MSD	T1-062	ORG 10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	108%	4%	
NAL13026-1739MSD	T1-062	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	86%	0%	4.4
NAL13026-1739MSD	T1-062	ORG 108-10-1	4-Methyl-2-pentanone	620		ug/L	25	3.70	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	7%	370
NAL13026-1739MSD	T1-062	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	104%	4%	
NAL13026-1739MSD	T1-062	ORG 127-18-4	Tetrahydroethene	250		ug/L	5	2.43	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	4%	
NAL13026-1739MSD	T1-062	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	88%	0%	
NAL13026-1739MSD	T1-062	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	4%	
NAL13026-1739MSD	T1-062	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	104%	0%	
NAL13026-1739MSD	T1-062	ORG 591-78-6	2-Hexanone	600		ug/L	10	3.45	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	48%	12%	480
NAL13026-1739MSD	T1-062	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	103%	0%	12
NAL13026-1739MSD	T1-062	ORG 108-90-7	Chlorobenzene	240		ug/L	5	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	95%	4%	1.5
NAL13026-1739MSD	T1-062	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	4%	
NAL13026-1739MSD	T1-062	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	500	106%	2%	31
NAL13026-1739MSD	T1-062	ORG 95-47-6	o-Xylene	280		ug/L	5	0.64	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	104%	4%	21
NAL13026-1739MSD	T1-062	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	99%	0%	12
NAL13026-1739MSD	T1-062	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	100%	4%	
NAL13026-1739MSD	T1-062	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	102%	0%	14
NAL13026-1739MSD	T1-062	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	107%	0%	12
NAL13026-1739MSD	T1-062	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	4%	
NAL13026-1739MSD	T1-062	ORG 96-18-4	1,2,3-Trichloropropane	210		ug/L	10	1.47	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	84%	0%	



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NAL13026-1739MSD	T1-062	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	0%	30
NAL13026-1739MSD	T1-062	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	104%	0%	
NAL13026-1739MSD	T1-062	ORG 95-63-6	1,2,4-Trimethylbenzene	400		ug/L	10	1.00	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	96%	3%	160
NAL13026-1739MSD	T1-062	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	103%	0%	1.6
NAL13026-1739MSD	T1-062	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	103%	0%	1.6
NAL13026-1739MSD	T1-062	ORG 99-87-6	p-Isopropyltoluene	860		ug/L	10	1.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	60%	5%	710
NAL13026-1739MSD	T1-062	ORG 106-46-7	1,4-Dichlorobenzene	450		ug/L	10	1.65	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	92%	2%	220
NAL13026-1739MSD	T1-062	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	106%	0%	5.0
NAL13026-1739MSD	T1-062	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	98%	0%	16
NAL13026-1739MSD	T1-062	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	120%	0%	
NAL13026-1739MSD	T1-062	ORG 87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	68%	6%	
NAL13026-1739MSD	T1-062	ORG 120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	89%	0%	7.5
NAL13026-1739MSD	T1-062	ORG 91-20-3	Naphthalene	890		ug/L	25	2.80	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	72%	3%	710
NAL13026-1739MSD	T1-062	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	250	91%	0%	3.2
NAL13026-1739MSD	T1-062	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	50	100%	0%	
NAL13026-1739MSD	T1-062	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	50	86%	0%	
NAL13026-1739MSD	T1-062	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	50	92%	2%	
NAL13026-1739MSD	T1-062	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/9/2014	11/9/2014	11/9/2014	WG	5	NA	5.0	NA	SW8260B	NALD5238	50	108%	2%	



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NAL13026-1740	T1-063	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 74-83-9	Bromomethane		UX-	ug/L	25	2.50	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 67-64-1	Acetone	83000	D	ug/L	5000	778.04	11/10/2014	11/10/2014	11/10/2014	WG	500	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 78-93-3	2-Butanone	14000	D	ug/L	5000	405.90	11/10/2014	11/10/2014	11/10/2014	WG	500	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 71-43-2	Benzene	5.4		ug/L	5	0.68	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 108-88-3	Toluene	2.1	J	ug/L	5	1.05	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 108-10-1	4-Methyl-2-pentanone	370		ug/L	25	3.70	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 591-78-6	2-Hexanone	400		ug/L	25	3.45	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 100-41-4	Ethylbenzene	4.3	J	ug/L	5	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 108-90-7	Chlorobenzene			ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG XYLMP	p&m-Xylene	12		ug/L	10	1.31	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 95-47-6	o-Xylene	10		ug/L	5	0.64	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 100-42-5	Styrene	11		ug/L	5	1.01	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 98-82-8	Isopropylbenzene	8.0	J	ug/L	10	1.02	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 103-65-1	n-Propylbenzene	6.0	J	ug/L	10	1.35	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1740	T1-063	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 108-67-8	1,3,5-Trimethylbenzene	17		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 95-63-6	1,2,4-Trimethylbenzene	91		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 99-87-6	p-Isopropyltoluene	420		ug/L	10	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 106-46-7	1,4-Dichlorobenzene	160		ug/L	10	1.65	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 95-50-1	1,2-Dichlorobenzene	4.0	J	ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 104-51-8	n-Butylbenzene	17	J	ug/L	25	1.39	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 120-82-1	1,2,4-Trichlorobenzene	6.0	J	ug/L	25	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 91-20-3	Naphthalene	700		ug/L	25	2.80	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	ORG 87-61-6	1,2,3-Trichlorobenzene	3.1	J	ug/L	25	1.16	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243				
NAL13026-1740	T1-063	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243	50	94%		
NAL13026-1740	T1-063	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243	50	88%		
NAL13026-1740	T1-063	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243	50	92%		
NAL13026-1740	T1-063	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5243	50	110%		

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D111014CCVA	D111014CCVA	ORG 75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	112%		
D111014CCVA	D111014CCVA	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	82%		
D111014CCVA	D111014CCVA	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	98%		
D111014CCVA	D111014CCVA	ORG 74-83-9	Bromomethane	33		ug/L	5	0.50	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	66%		
D111014CCVA	D111014CCVA	ORG 75-00-3	Chloroethane	29		ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	58%		
D111014CCVA	D111014CCVA	ORG 75-69-4	Trichlorofluoromethane	60		ug/L	5	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	120%		
D111014CCVA	D111014CCVA	ORG 75-35-4	1,1-Dichloroethene	28		ug/L	1	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	56%		
D111014CCVA	D111014CCVA	ORG 75-09-2	Methylene chloride	44		ug/L	5	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	88%		
D111014CCVA	D111014CCVA	ORG 67-64-1	Acetone	43		ug/L	10	1.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	86%		
D111014CCVA	D111014CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	98%		
D111014CCVA	D111014CCVA	ORG 1634-04-4	MTBE	55		ug/L	5	0.61	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	110%		
D111014CCVA	D111014CCVA	ORG 75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	90%		
D111014CCVA	D111014CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	112%		
D111014CCVA	D111014CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 67-66-3	Chloroform	45		ug/L	2	0.16	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	90%		
D111014CCVA	D111014CCVA	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	100%		
D111014CCVA	D111014CCVA	ORG 78-93-3	2-Butanone	51		ug/L	1	0.81	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		
D111014CCVA	D111014CCVA	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 107-06-2	1,2-Dichloroethane	43		ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	86%		
D111014CCVA	D111014CCVA	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	90%		
D111014CCVA	D111014CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	108%		
D111014CCVA	D111014CCVA	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	90%		
D111014CCVA	D111014CCVA	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	98%		
D111014CCVA	D111014CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	108%		
D111014CCVA	D111014CCVA	ORG 127-18-4	Tetrachloroethene	50		ug/L	1	0.49	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	100%		
D111014CCVA	D111014CCVA	ORG 79-00-5	1,1,2-Trichloroethane	43		ug/L	1	0.34	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	86%		
D111014CCVA	D111014CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	84%		
D111014CCVA	D111014CCVA	ORG 100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		
D111014CCVA	D111014CCVA	ORG XYLMP	p&m-Xylene	109		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	100	109%		
D111014CCVA	D111014CCVA	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		
D111014CCVA	D111014CCVA	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 75-25-2	Bromoform	53		ug/L	2	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	108%		
D111014CCVA	D111014CCVA	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	112%		
D111014CCVA	D111014CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	43		ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	86%		



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D111014CCVA	D111014CCVA	ORG 96-18-4	1,2,3-Trichloropropane	40		ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	80%		
D111014CCVA	D111014CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	106%		
D111014CCVA	D111014CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		
D111014CCVA	D111014CCVA	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		
D111014CCVA	D111014CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	108%		
D111014CCVA	D111014CCVA	ORG 87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	108%		
D111014CCVA	D111014CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	98%		
D111014CCVA	D111014CCVA	ORG 91-20-3	Naphthalene	48		ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	96%		
D111014CCVA	D111014CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	102%		
D111014CCVA	D111014CCVA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	98%		
D111014CCVA	D111014CCVA	STD 17060-07-0	1,2-Dichloroethane d4	42		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	84%		
D111014CCVA	D111014CCVA	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	94%		
D111014CCVA	D111014CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5240	50	104%		

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D111014MBKA	D111014MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						
D111014MBKA	D111014MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241						

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D111014MBKA	D111014MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241				
D111014MBKA	D111014MBKA	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241	50	94%		
D111014MBKA	D111014MBKA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241	50	94%		
D111014MBKA	D111014MBKA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241	50	98%		
D111014MBKA	D111014MBKA	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5241	50	110%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111014ALCS	D111014ALCS	ORG 75-71-8	Dichlorodifluoromethane	51		ug/L	5	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 74-87-3	Chloromethane	35		ug/L	5	0.43	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	70%		
D111014ALCS	D111014ALCS	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	92%		
D111014ALCS	D111014ALCS	ORG 74-83-9	Bromomethane	45		ug/L	5	0.50	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	90%		
D111014ALCS	D111014ALCS	ORG 75-00-3	Chloroethane	31		ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	62%		
D111014ALCS	D111014ALCS	ORG 75-69-4	Trichlorofluoromethane	138		ug/L	5	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	276%		
D111014ALCS	D111014ALCS	ORG 75-35-4	1,1-Dichloroethene	31		ug/L	1	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	62%		
D111014ALCS	D111014ALCS	ORG 75-09-2	Methylene chloride	26		ug/L	5	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	52%		
D111014ALCS	D111014ALCS	ORG 67-64-1	Acetone	233		ug/L	10	1.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	466%		
D111014ALCS	D111014ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	98%		
D111014ALCS	D111014ALCS	ORG 1634-04-4	MTBE	57		ug/L	5	0.61	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	114%		
D111014ALCS	D111014ALCS	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	92%		
D111014ALCS	D111014ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	116%		
D111014ALCS	D111014ALCS	ORG 74-97-5	Bromochloromethane	56		ug/L	10	0.41	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	112%		
D111014ALCS	D111014ALCS	ORG 67-66-3	Chloroform	48		ug/L	2	0.16	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	96%		
D111014ALCS	D111014ALCS	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	100%		
D111014ALCS	D111014ALCS	ORG 78-93-3	2-Butanone	88		ug/L	1	0.81	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	176%		
D111014ALCS	D111014ALCS	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	100%		
D111014ALCS	D111014ALCS	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	96%		
D111014ALCS	D111014ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 75-27-4	Bromodichloromethane	47		ug/L	2	0.12	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	94%		
D111014ALCS	D111014ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	108%		
D111014ALCS	D111014ALCS	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	92%		
D111014ALCS	D111014ALCS	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	110%		
D111014ALCS	D111014ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	56		ug/L	1	0.31	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	112%		
D111014ALCS	D111014ALCS	ORG 127-18-4	Tetrachloroethene	54		ug/L	1	0.49	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	108%		
D111014ALCS	D111014ALCS	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	94%		
D111014ALCS	D111014ALCS	ORG 124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	106%		
D111014ALCS	D111014ALCS	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	110%		
D111014ALCS	D111014ALCS	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	110%		
D111014ALCS	D111014ALCS	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	98%		
D111014ALCS	D111014ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	108%		
D111014ALCS	D111014ALCS	ORG XYLMP	p&m-Xylene	114		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	100	114%		
D111014ALCS	D111014ALCS	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 100-42-5	Styrene	52		ug/L	1	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 75-25-2	Bromoform	54		ug/L	2	0.47	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	108%		
D111014ALCS	D111014ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	110%		
D111014ALCS	D111014ALCS	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	116%		
D111014ALCS	D111014ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	96%		



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D111014ALCS	D111014ALCS	ORG 96-18-4	1,2,3-Trichloropropane	47		ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	94%		
D111014ALCS	D111014ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	106%		
D111014ALCS	D111014ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	106%		
D111014ALCS	D111014ALCS	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	106%		
D111014ALCS	D111014ALCS	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	112%		
D111014ALCS	D111014ALCS	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	106%		
D111014ALCS	D111014ALCS	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	112%		
D111014ALCS	D111014ALCS	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	116%		
D111014ALCS	D111014ALCS	ORG 87-68-3	Hexachlorobutadiene	51		ug/L	5	0.65	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	102%		
D111014ALCS	D111014ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		
D111014ALCS	D111014ALCS	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	118%		
D111014ALCS	D111014ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	112%		
D111014ALCS	D111014ALCS	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	100%		
D111014ALCS	D111014ALCS	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	90%		
D111014ALCS	D111014ALCS	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	92%		
D111014ALCS	D111014ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5245	50	104%		



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D111014ALCD	D111014ALCD	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	96%	2%	
D111014ALCD	D111014ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	49		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	98%	6%	
D111014ALCD	D111014ALCD	ORG 98-06-6	tert-Butylbenzene	50		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	100%	6%	
D111014ALCD	D111014ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	49		ug/L	2	0.20	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	98%	8%	
D111014ALCD	D111014ALCD	ORG 135-98-8	sec-Butylbenzene	50		ug/L	2	0.32	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	100%	6%	
D111014ALCD	D111014ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	106%	6%	
D111014ALCD	D111014ALCD	ORG 99-87-6	p-Isopropyltoluene	50		ug/L	2	0.25	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	100%	6%	
D111014ALCD	D111014ALCD	ORG 106-46-7	1,4-Dichlorobenzene	47		ug/L	2	0.33	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	94%	8%	
D111014ALCD	D111014ALCD	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	108%	4%	
D111014ALCD	D111014ALCD	ORG 104-51-8	n-Butylbenzene	48		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	96%	8%	
D111014ALCD	D111014ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	116%	0%	
D111014ALCD	D111014ALCD	ORG 87-68-3	Hexachlorobutadiene	48		ug/L	5	0.65	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	96%	6%	
D111014ALCD	D111014ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	47		ug/L	5	0.28	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	94%	10%	
D111014ALCD	D111014ALCD	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	112%	5%	
D111014ALCD	D111014ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	106%	6%	
D111014ALCD	D111014ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	102%	2%	
D111014ALCD	D111014ALCD	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	94%	4%	
D111014ALCD	D111014ALCD	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	92%	0%	
D111014ALCD	D111014ALCD	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/10/2014	11/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5246	50	106%	2%	



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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1740MS	T1-063	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	76%		
NAL13026-1740MS	T1-063	ORG 75-01-4	Vinyl chloride	220		ug/L	10	1.59	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	88%		
NAL13026-1740MS	T1-063	ORG 74-83-9	Bromomethane	170		ug/L	25	2.50	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	68%		
NAL13026-1740MS	T1-063	ORG 75-00-3	Chloroethane	140		ug/L	25	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	56%		
NAL13026-1740MS	T1-063	ORG 75-69-4	Trichlorofluoromethane	260		ug/L	25	0.98	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		
NAL13026-1740MS	T1-063	ORG 75-35-4	1,1-Dichloroethene	150		ug/L	5	2.36	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	60%		
NAL13026-1740MS	T1-063	ORG 75-09-2	Methylene chloride	210		ug/L	25	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	84%		
NAL13026-1740MS	T1-063	ORG 67-64-1	Acetone	45000		ug/L	50	7.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	#####		83000
NAL13026-1740MS	T1-063	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG 1634-04-4	MTBE	260		ug/L	25	3.06	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		
NAL13026-1740MS	T1-063	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	88%		
NAL13026-1740MS	T1-063	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	112%		
NAL13026-1740MS	T1-063	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	92%		
NAL13026-1740MS	T1-063	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 78-93-3	2-Butanone	15000		ug/L	5	4.06	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	400%		14000
NAL13026-1740MS	T1-063	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	94%		5.4
NAL13026-1740MS	T1-063	ORG 107-06-2	1,2-Dichloroethane	210		ug/L	5	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	84%		
NAL13026-1740MS	T1-063	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		
NAL13026-1740MS	T1-063	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	88%		
NAL13026-1740MS	T1-063	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		
NAL13026-1740MS	T1-063	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	87%		2.1
NAL13026-1740MS	T1-063	ORG 108-10-1	4-Methyl-2-pentanone	570		ug/L	25	3.70	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	80%		370
NAL13026-1740MS	T1-063	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 127-18-4	Tetrachloroethene	240		ug/L	5	2.43	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	88%		
NAL13026-1740MS	T1-063	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		
NAL13026-1740MS	T1-063	ORG 591-78-6	2-Hexanone	500		ug/L	10	3.45	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	40%		400
NAL13026-1740MS	T1-063	ORG 100-41-4	Ethylbenzene	260		ug/L	5	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	102%		4.3
NAL13026-1740MS	T1-063	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	92%		
NAL13026-1740MS	T1-063	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	96%		
NAL13026-1740MS	T1-063	ORG XYLMP	p&m-Xylene	540		ug/L	10	1.31	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	500	106%		12
NAL13026-1740MS	T1-063	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	104%		10
NAL13026-1740MS	T1-063	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		11
NAL13026-1740MS	T1-063	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		
NAL13026-1740MS	T1-063	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	105%		8.0
NAL13026-1740MS	T1-063	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	110%		6.0
NAL13026-1740MS	T1-063	ORG 79-34-5	1,1,2,2-Tetrachloroethane	250		ug/L	10	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5247	250	100%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1740MS	T1-063	ORG 96-18-4	1,2,3-Trichloropropane	200		ug/L	10	1.47	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	80%		
NAL13026-1740MS	T1-063	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	97%		17
NAL13026-1740MS	T1-063	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	104%		
NAL13026-1740MS	T1-063	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	100%		91
NAL13026-1740MS	T1-063	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	104%		
NAL13026-1740MS	T1-063	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	108%		
NAL13026-1740MS	T1-063	ORG 99-87-6	p-Isopropyltoluene	640		ug/L	10	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	88%		420
NAL13026-1740MS	T1-063	ORG 106-46-7	1,4-Dichlorobenzene	390		ug/L	10	1.65	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	92%		160
NAL13026-1740MS	T1-063	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	106%		4.0
NAL13026-1740MS	T1-063	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	97%		17
NAL13026-1740MS	T1-063	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	120%		
NAL13026-1740MS	T1-063	ORG 87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	68%		
NAL13026-1740MS	T1-063	ORG 120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	90%		6.0
NAL13026-1740MS	T1-063	ORG 91-20-3	Naphthalene	830		ug/L	25	2.80	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	52%		700
NAL13026-1740MS	T1-063	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	250	91%		3.1
NAL13026-1740MS	T1-063	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	50	100%		
NAL13026-1740MS	T1-063	STD 17060-07-0	1,2-Dichloroethane d4	42		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	50	84%		
NAL13026-1740MS	T1-063	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	50	92%		
NAL13026-1740MS	T1-063	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5247	50	108%		



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Project #: NAL13-026
 Project Site: Bridgeton Landfill

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1740MSD	T1-063	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	4%	
NAL13026-1740MSD	T1-063	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	80%	5%	
NAL13026-1740MSD	T1-063	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	92%	4%	
NAL13026-1740MSD	T1-063	ORG 74-83-9	Bromomethane	180		ug/L	25	2.50	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	72%	6%	
NAL13026-1740MSD	T1-063	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	52%	7%	
NAL13026-1740MSD	T1-063	ORG 75-69-4	Trichlorofluoromethane	300		ug/L	25	0.98	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	120%	14%	
NAL13026-1740MSD	T1-063	ORG 75-35-4	1,1-Dichloroethene	170		ug/L	5	2.36	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	68%	13%	
NAL13026-1740MSD	T1-063	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	88%	5%	
NAL13026-1740MSD	T1-063	ORG 67-64-1	Acetone	45000		ug/L	50	7.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	#####	0%	83000
NAL13026-1740MSD	T1-063	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	96%	0%	
NAL13026-1740MSD	T1-063	ORG 1634-04-4	MTBE	280		ug/L	25	3.06	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	112%	7%	
NAL13026-1740MSD	T1-063	ORG 75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	92%	4%	
NAL13026-1740MSD	T1-063	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	116%	4%	
NAL13026-1740MSD	T1-063	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	4%	
NAL13026-1740MSD	T1-063	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	92%	0%	
NAL13026-1740MSD	T1-063	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	0%	
NAL13026-1740MSD	T1-063	ORG 78-93-3	2-Butanone	15000		ug/L	5	4.06	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	400%	0%	14000
NAL13026-1740MSD	T1-063	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	4%	
NAL13026-1740MSD	T1-063	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	98%	4%	5.4
NAL13026-1740MSD	T1-063	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	88%	5%	
NAL13026-1740MSD	T1-063	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	4%	
NAL13026-1740MSD	T1-063	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	0%	
NAL13026-1740MSD	T1-063	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	0%	
NAL13026-1740MSD	T1-063	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	88%	0%	
NAL13026-1740MSD	T1-063	ORG 10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	108%	4%	
NAL13026-1740MSD	T1-063	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	87%	0%	2.1
NAL13026-1740MSD	T1-063	ORG 108-10-1	4-Methyl-2-pentanone	560		ug/L	25	3.70	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	76%	2%	370
NAL13026-1740MSD	T1-063	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	4%	
NAL13026-1740MSD	T1-063	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	4%	
NAL13026-1740MSD	T1-063	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	88%	0%	
NAL13026-1740MSD	T1-063	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	4%	
NAL13026-1740MSD	T1-063	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	0%	
NAL13026-1740MSD	T1-063	ORG 591-78-6	2-Hexanone	470		ug/L	10	3.45	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	28%	6%	400
NAL13026-1740MSD	T1-063	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	106%	4%	4.3
NAL13026-1740MSD	T1-063	ORG 108-90-7	Chlorobenzene	240		ug/L	5	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	96%	4%	
NAL13026-1740MSD	T1-063	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	4%	
NAL13026-1740MSD	T1-063	ORG XYLMP	p&m-Xylene	540		ug/L	10	1.31	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	500	106%	0%	12
NAL13026-1740MSD	T1-063	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	104%	0%	10
NAL13026-1740MSD	T1-063	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	0%	11
NAL13026-1740MSD	T1-063	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	100%	0%	
NAL13026-1740MSD	T1-063	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	105%	0%	8.0
NAL13026-1740MSD	T1-063	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	110%	0%	6.0
NAL13026-1740MSD	T1-063	ORG 79-34-5	1,1,2,2-Tetrachloroethane	230		ug/L	10	1.46	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5248	250	92%	8%	

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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NAL13026-1740MSD	T1-063	ORG 96-18-4	1,2,3-Trichloropropane	200		ug/L	10	1.47	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	80%	0%	
NAL13026-1740MSD	T1-063	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	97%	0%	17
NAL13026-1740MSD	T1-063	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	108%	4%	
NAL13026-1740MSD	T1-063	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	100%	0%	91
NAL13026-1740MSD	T1-063	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	104%	0%	
NAL13026-1740MSD	T1-063	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	108%	0%	
NAL13026-1740MSD	T1-063	ORG 99-87-6	p-Isopropyltoluene	600		ug/L	10	1.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	72%	6%	420
NAL13026-1740MSD	T1-063	ORG 106-46-7	1,4-Dichlorobenzene	390		ug/L	10	1.65	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	92%	0%	160
NAL13026-1740MSD	T1-063	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	106%	0%	4.0
NAL13026-1740MSD	T1-063	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	97%	0%	17
NAL13026-1740MSD	T1-063	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	120%	0%	
NAL13026-1740MSD	T1-063	ORG 87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	68%	0%	
NAL13026-1740MSD	T1-063	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	94%	4%	6.0
NAL13026-1740MSD	T1-063	ORG 91-20-3	Naphthalene	830		ug/L	25	2.80	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	52%	0%	700
NAL13026-1740MSD	T1-063	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	250	95%	4%	3.1
NAL13026-1740MSD	T1-063	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	50	100%	0%	
NAL13026-1740MSD	T1-063	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	50	86%	2%	
NAL13026-1740MSD	T1-063	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	50	90%	2%	
NAL13026-1740MSD	T1-063	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/10/2014	11/10/2014	11/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5248	50	108%	0%	



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FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
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NAL13026-1741	T1-064	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 67-64-1	Acetone	53000	D	ug/L	5000	778.04	11/11/2014	11/11/2014	11/11/2014	WG	500	NA	5.0	NA	SW8260B	NALD5253				
NAL13026-1741	T1-064	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 78-93-3	2-Butanone	13000	D	ug/L	5000	405.90	11/11/2014	11/11/2014	11/11/2014	WG	500	NA	5.0	NA	SW8260B	NALD5253				
NAL13026-1741	T1-064	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 71-43-2	Benzene	3.75	J	ug/L	5	0.68	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 108-88-3	Toluene	1.1	J	ug/L	5	1.05	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 108-10-1	4-Methyl-2-pentanone	360		ug/L	25	3.70	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 591-78-6	2-Hexanone	340		ug/L	25	3.45	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 100-41-4	Ethylbenzene	2.1	J	ug/L	5	1.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG XYLMP	p&m-Xylene	5.3	J	ug/L	10	1.31	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 95-47-6	o-Xylene	4.3	J	ug/L	5	0.64	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 100-42-5	Styrene	10		ug/L	5	1.01	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 98-82-8	Isopropylbenzene	6.1	J	ug/L	10	1.02	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 103-65-1	n-Propylbenzene	2.3	J	ug/L	10	1.35	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1741	T1-064	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 108-67-8	1,3,5-Trimethylbenzene	8.7	J	ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 95-63-6	1,2,4-Trimethylbenzene	43		ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 99-87-6	p-Isopropyltoluene	190		ug/L	10	1.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 106-46-7	1,4-Dichlorobenzene	87		ug/L	10	1.65	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 95-50-1	1,2-Dichlorobenzene	2.3	J	ug/L	10	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 104-51-8	n-Butylbenzene	8.7	J	ug/L	25	1.39	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 120-82-1	1,2,4-Trichlorobenzene	5.3	J	ug/L	25	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 91-20-3	Naphthalene	620		ug/L	25	2.80	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	ORG 87-61-6	1,2,3-Trichlorobenzene	3.0	J	ug/L	25	1.16	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254				
NAL13026-1741	T1-064	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254	50	94%		
NAL13026-1741	T1-064	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254	50	90%		
NAL13026-1741	T1-064	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254	50	90%		
NAL13026-1741	T1-064	STD 460-00-4	Bromofluorobenzene	56		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5254	50	112%		



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Bridgeton, MO 63044
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Project #: NAL13-026
Project Site: Bridgeton Landfill

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D11114CCVA	D11114CCVA	ORG 75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	76%		
D11114CCVA	D11114CCVA	ORG 75-01-4	Vinyl chloride	47		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	94%		
D11114CCVA	D11114CCVA	ORG 74-83-9	Bromomethane	42		ug/L	5	0.50	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	84%		
D11114CCVA	D11114CCVA	ORG 75-00-3	Chloroethane	28		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	56%		
D11114CCVA	D11114CCVA	ORG 75-69-4	Trichlorofluoromethane	84		ug/L	5	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	168%		
D11114CCVA	D11114CCVA	ORG 75-35-4	1,1-Dichloroethene	28		ug/L	1	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	56%		
D11114CCVA	D11114CCVA	ORG 75-09-2	Methylene chloride	44		ug/L	5	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	88%		
D11114CCVA	D11114CCVA	ORG 67-64-1	Acetone	57		ug/L	10	1.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	114%		
D11114CCVA	D11114CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 1634-04-4	MTBE	44		ug/L	5	0.61	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 75-34-3	1,1-Dichloroethane	44		ug/L	1	0.53	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	88%		
D11114CCVA	D11114CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	116%		
D11114CCVA	D11114CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 67-66-3	Chloroform	46		ug/L	2	0.16	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	92%		
D11114CCVA	D11114CCVA	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	100%		
D11114CCVA	D11114CCVA	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 107-06-2	1,2-Dichloroethane	43		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	86%		
D11114CCVA	D11114CCVA	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	96%		
D11114CCVA	D11114CCVA	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	96%		
D11114CCVA	D11114CCVA	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	90%		
D11114CCVA	D11114CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	90%		
D11114CCVA	D11114CCVA	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 127-18-4	Tetrachloroethene	50		ug/L	1	0.49	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	100%		
D11114CCVA	D11114CCVA	ORG 79-00-5	1,1,2-Trichloroethane	43		ug/L	1	0.34	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	86%		
D11114CCVA	D11114CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 591-78-6	2-Hexanone	45		ug/L	2	0.69	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	90%		
D11114CCVA	D11114CCVA	ORG 100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	94%		
D11114CCVA	D11114CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	104%		
D11114CCVA	D11114CCVA	ORG XYLMP	p&m-Xylene	108		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	100	108%		
D11114CCVA	D11114CCVA	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	100%		
D11114CCVA	D11114CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	110%		
D11114CCVA	D11114CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	42		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	84%		

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Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D11114CCVA	D11114CCVA	ORG 96-18-4	1,2,3-Trichloropropane	41		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	82%		
D11114CCVA	D11114CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	102%		
D11114CCVA	D11114CCVA	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		
D11114CCVA	D11114CCVA	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	104%		
D11114CCVA	D11114CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	96%		
D11114CCVA	D11114CCVA	ORG 87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	108%		
D11114CCVA	D11114CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	ORG 91-20-3	Naphthalene	47		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	94%		
D11114CCVA	D11114CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	98%		
D11114CCVA	D11114CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	100%		
D11114CCVA	D11114CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	86%		
D11114CCVA	D11114CCVA	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	92%		
D11114CCVA	D11114CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5251	50	106%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D11114MBKA	D11114MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				



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D11114MBKA	D11114MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252				
D11114MBKA	D11114MBKA	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252	50	94%		
D11114MBKA	D11114MBKA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252	50	94%		
D11114MBKA	D11114MBKA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252	50	98%		
D11114MBKA	D11114MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5252	50	108%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D11114ALCS	D11114ALCS	ORG 75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	76%		
D11114ALCS	D11114ALCS	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 74-83-9	Bromomethane	39		ug/L	5	0.50	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	78%		
D11114ALCS	D11114ALCS	ORG 75-00-3	Chloroethane	27		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	54%		
D11114ALCS	D11114ALCS	ORG 75-69-4	Trichlorofluoromethane	69		ug/L	5	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	138%		
D11114ALCS	D11114ALCS	ORG 75-35-4	1,1-Dichloroethene	30		ug/L	1	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	60%		
D11114ALCS	D11114ALCS	ORG 75-09-2	Methylene chloride	44		ug/L	5	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	88%		
D11114ALCS	D11114ALCS	ORG 67-64-1	Acetone	64		ug/L	10	1.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	128%		
D11114ALCS	D11114ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 1634-04-4	MTBE	53		ug/L	5	0.61	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	106%		
D11114ALCS	D11114ALCS	ORG 75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	114%		
D11114ALCS	D11114ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	94%		
D11114ALCS	D11114ALCS	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	ORG 78-93-3	2-Butanone	45		ug/L	1	0.81	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	106%		
D11114ALCS	D11114ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	100%		
D11114ALCS	D11114ALCS	ORG 107-06-2	1,2-Dichloroethane	45		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	100%		
D11114ALCS	D11114ALCS	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	90%		
D11114ALCS	D11114ALCS	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 127-18-4	Tetrachloroethene	52		ug/L	1	0.49	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	88%		
D11114ALCS	D11114ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	ORG 591-78-6	2-Hexanone	47		ug/L	2	0.69	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	94%		
D11114ALCS	D11114ALCS	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	96%		
D11114ALCS	D11114ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	100	111%		
D11114ALCS	D11114ALCS	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	114%		
D11114ALCS	D11114ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	88%		

FINAL ANALYTICAL REPORT

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 ATTN: Brian Power

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D11114ALCS	D11114ALCS	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	86%		
D11114ALCS	D11114ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	52		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 135-98-8	sec-Butylbenzene	54		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	98%		
D11114ALCS	D11114ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	108%		
D11114ALCS	D11114ALCS	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		
D11114ALCS	D11114ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	96%		
D11114ALCS	D11114ALCS	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	106%		
D11114ALCS	D11114ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	96%		
D11114ALCS	D11114ALCS	ORG 91-20-3	Naphthalene	48		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	96%		
D11114ALCS	D11114ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	102%		
D11114ALCS	D11114ALCS	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	100%		
D11114ALCS	D11114ALCS	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	86%		
D11114ALCS	D11114ALCS	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	92%		
D11114ALCS	D11114ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5258	50	104%		

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D11114ALCD	D11114ALCD	ORG 75-71-8	Dichlorodifluoromethane	46		ug/L	5	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	6%	
D11114ALCD	D11114ALCD	ORG 74-87-3	Chloromethane	37		ug/L	5	0.43	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	74%	3%	
D11114ALCD	D11114ALCD	ORG 75-01-4	Vinyl chloride	42		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	84%	7%	
D11114ALCD	D11114ALCD	ORG 74-83-9	Bromomethane	34		ug/L	5	0.50	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	68%	14%	
D11114ALCD	D11114ALCD	ORG 75-00-3	Chloroethane	28		ug/L	5	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	56%	4%	
D11114ALCD	D11114ALCD	ORG 75-69-4	Trichlorofluoromethane	58		ug/L	5	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	116%	17%	
D11114ALCD	D11114ALCD	ORG 75-35-4	1,1-Dichloroethene	31		ug/L	1	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	62%	3%	
D11114ALCD	D11114ALCD	ORG 75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	4%	
D11114ALCD	D11114ALCD	ORG 67-64-1	Acetone	77		ug/L	10	1.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	154%	18%	
D11114ALCD	D11114ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	96%	2%	
D11114ALCD	D11114ALCD	ORG 1634-04-4	MTBE	56		ug/L	5	0.61	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	112%	6%	
D11114ALCD	D11114ALCD	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	2%	
D11114ALCD	D11114ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	114%	0%	
D11114ALCD	D11114ALCD	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	108%	4%	
D11114ALCD	D11114ALCD	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	94%	0%	
D11114ALCD	D11114ALCD	ORG 71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	98%	4%	
D11114ALCD	D11114ALCD	ORG 78-93-3	2-Butanone	58		ug/L	1	0.81	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	96%	6%	
D11114ALCD	D11114ALCD	ORG 56-23-5	Carbon tetrachloride	42		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	104%	2%	
D11114ALCD	D11114ALCD	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	100%	0%	
D11114ALCD	D11114ALCD	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	94%	4%	
D11114ALCD	D11114ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	104%	2%	
D11114ALCD	D11114ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	104%	6%	
D11114ALCD	D11114ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	102%	2%	
D11114ALCD	D11114ALCD	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	2%	
D11114ALCD	D11114ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	2%	
D11114ALCD	D11114ALCD	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	90%	0%	
D11114ALCD	D11114ALCD	ORG 108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	8%	
D11114ALCD	D11114ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	108%	0%	
D11114ALCD	D11114ALCD	ORG 127-18-4	Tetrachloroethene	63		ug/L	1	0.49	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	126%	19%	
D11114ALCD	D11114ALCD	ORG 79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	4%	
D11114ALCD	D11114ALCD	ORG 124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	4%	
D11114ALCD	D11114ALCD	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	108%	6%	
D11114ALCD	D11114ALCD	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	102%	8%	
D11114ALCD	D11114ALCD	ORG 100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	2%	
D11114ALCD	D11114ALCD	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	96%	0%	
D11114ALCD	D11114ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	104%	0%	
D11114ALCD	D11114ALCD	ORG XYLMP	p&m-Xylene	109		ug/L	2	0.26	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	100	109%	2%	
D11114ALCD	D11114ALCD	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	104%	0%	
D11114ALCD	D11114ALCD	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	102%	0%	
D11114ALCD	D11114ALCD	ORG 75-25-2	Bromoform	53		ug/L	2	0.47	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	8%	
D11114ALCD	D11114ALCD	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	106%	2%	
D11114ALCD	D11114ALCD	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	110%	4%	
D11114ALCD	D11114ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	46		ug/L	2	0.29	NA	11/11/2014	11/11/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5257	50	92%	4%	



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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Table with 24 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. It contains 24 rows of analytical data for various compounds like Trichloropropane, tert-Butylbenzene, etc.



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1741MS	T1-064	ORG 75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	92%		
NAL13026-1741MS	T1-064	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	76%		
NAL13026-1741MS	T1-064	ORG 75-01-4	Vinyl chloride	210		ug/L	10	1.59	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	84%		
NAL13026-1741MS	T1-064	ORG 74-83-9	Bromomethane	190		ug/L	25	2.50	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	76%		
NAL13026-1741MS	T1-064	ORG 75-00-3	Chloroethane	120		ug/L	25	2.78	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	48%		
NAL13026-1741MS	T1-064	ORG 75-69-4	Trichlorofluoromethane	260		ug/L	25	0.98	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 75-35-4	1,1-Dichloroethene	170		ug/L	5	2.36	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	68%		
NAL13026-1741MS	T1-064	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 67-64-1	Acetone	48000		ug/L	50	7.78	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	-2000%		53000
NAL13026-1741MS	T1-064	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	96%		
NAL13026-1741MS	T1-064	ORG 1634-04-4	MTBE	280		ug/L	25	3.06	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	112%		
NAL13026-1741MS	T1-064	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	116%		
NAL13026-1741MS	T1-064	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	92%		
NAL13026-1741MS	T1-064	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG 78-93-3	2-Butanone	16000		ug/L	5	4.06	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	1200%		13000
NAL13026-1741MS	T1-064	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	99%		3.75
NAL13026-1741MS	T1-064	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 79-01-6	Trichloroethane	250		ug/L	5	1.82	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	112%		
NAL13026-1741MS	T1-064	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	108%		
NAL13026-1741MS	T1-064	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		1.1
NAL13026-1741MS	T1-064	ORG 108-10-1	4-Methyl-2-pentanone	600		ug/L	25	3.70	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	96%		360
NAL13026-1741MS	T1-064	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	108%		
NAL13026-1741MS	T1-064	ORG 591-78-6	2-Hexanone	450		ug/L	10	3.45	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	44%		340
NAL13026-1741MS	T1-064	ORG 100-41-4	Ethylbenzene	260		ug/L	5	1.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	103%		2.1
NAL13026-1741MS	T1-064	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	92%		
NAL13026-1741MS	T1-064	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		
NAL13026-1741MS	T1-064	ORG XYLMP	p&m-Xylene	530		ug/L	10	1.31	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	500	105%		5.3
NAL13026-1741MS	T1-064	ORG 95-47-6	o-Xylene	260		ug/L	5	0.64	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	102%		4.3
NAL13026-1741MS	T1-064	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	100%		10
NAL13026-1741MS	T1-064	ORG 75-25-2	Bromoform	260		ug/L	10	2.34	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	106%		6.1
NAL13026-1741MS	T1-064	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	111%		2.3
NAL13026-1741MS	T1-064	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	96%		

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NAL13026-1741MS	T1-064	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	88%		
NAL13026-1741MS	T1-064	ORG 108-67-8	1,3,5-Trimethylbenzene	250		ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	97%		8.7
NAL13026-1741MS	T1-064	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	108%		
NAL13026-1741MS	T1-064	ORG 95-63-6	1,2,4-Trimethylbenzene	290		ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	99%		43
NAL13026-1741MS	T1-064	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	104%		
NAL13026-1741MS	T1-064	ORG 99-87-6	p-Isopropyltoluene	430		ug/L	10	1.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	96%		190
NAL13026-1741MS	T1-064	ORG 106-46-7	1,4-Dichlorobenzene	330		ug/L	10	1.65	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	97%		87
NAL13026-1741MS	T1-064	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	107%		2.3
NAL13026-1741MS	T1-064	ORG 104-51-8	n-Butylbenzene	250		ug/L	25	1.39	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	97%		8.7
NAL13026-1741MS	T1-064	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	120%		
NAL13026-1741MS	T1-064	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	72%		
NAL13026-1741MS	T1-064	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	94%		5.3
NAL13026-1741MS	T1-064	ORG 91-20-3	Naphthalene	780		ug/L	25	2.80	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	64%		620
NAL13026-1741MS	T1-064	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	250	99%		3
NAL13026-1741MS	T1-064	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	50	102%		
NAL13026-1741MS	T1-064	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	50	86%		
NAL13026-1741MS	T1-064	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	50	90%		
NAL13026-1741MS	T1-064	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5259	50	106%		



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Project Site: Bridgeton Landfill

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Table with 22 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Rows list various chemical analyses such as Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Bromomethane, Chloroethane, Trichlorofluoromethane, 1,1-Dichloroethene, Methylene chloride, Acetone, trans-1,2-Dichloroethene, MTBE, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, 2-Butanone, Carbon tetrachloride, Benzene, 1,2-Dichloroethane, Trichloroethane, Dibromomethane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, Toluene, 4-Methyl-2-pentanone, trans-1,3-Dichloropropene, Tetrachloroethene, 1,1,2-Trichloroethane, Dibromochloromethane, 1,2-Dibromoethane, 2-Hexanone, Ethylbenzene, Chlorobenzene, 1,1,1,2-Tetrachloroethane, p&m-Xylene, o-Xylene, Styrene, Bromoform, Isopropylbenzene, n-Propylbenzene, 1,1,2,2-Tetrachloroethane.

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NAL13026-1741MSD	T1-064	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	88%	0%	
NAL13026-1741MSD	T1-064	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	101%	4%	8.7
NAL13026-1741MSD	T1-064	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	108%	0%	
NAL13026-1741MSD	T1-064	ORG 95-63-6	1,2,4-Trimethylbenzene	290		ug/L	10	1.00	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	99%	0%	43
NAL13026-1741MSD	T1-064	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	104%	0%	
NAL13026-1741MSD	T1-064	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	108%	4%	
NAL13026-1741MSD	T1-064	ORG 99-87-6	p-Isopropyltoluene	430		ug/L	10	1.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	96%	0%	190
NAL13026-1741MSD	T1-064	ORG 106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	93%	3%	87
NAL13026-1741MSD	T1-064	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	107%	0%	2.3
NAL13026-1741MSD	T1-064	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	101%	4%	8.7
NAL13026-1741MSD	T1-064	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	124%	3%	
NAL13026-1741MSD	T1-064	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	80%	11%	
NAL13026-1741MSD	T1-064	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	94%	0%	5.3
NAL13026-1741MSD	T1-064	ORG 91-20-3	Naphthalene	780		ug/L	25	2.80	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	64%	0%	620
NAL13026-1741MSD	T1-064	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	250	99%	0%	3
NAL13026-1741MSD	T1-064	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	50	100%	2%	
NAL13026-1741MSD	T1-064	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	50	86%	0%	
NAL13026-1741MSD	T1-064	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	50	92%	2%	
NAL13026-1741MSD	T1-064	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/11/2014	11/11/2014	11/11/2014	WG	5	NA	5.0	NA	SW8260B	NALD5260	50	110%	4%	



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NAL13026-1742	T1-065	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 74-83-9	Bromomethane		UX-	ug/L	25	2.50	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 67-64-1	Acetone	50000	DX+	ug/L	5000	778.04	11/12/2014	11/12/2014	11/12/2014	WG	500	NA	5.0	NA	SW8260B	NALD5271				
NAL13026-1742	T1-065	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 78-93-3	2-Butanone	13000	D	ug/L	5000	405.90	11/12/2014	11/12/2014	11/12/2014	WG	500	NA	5.0	NA	SW8260B	NALD5271				
NAL13026-1742	T1-065	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 71-43-2	Benzene	11		ug/L	5	0.68	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 108-88-3	Toluene	5.5		ug/L	5	1.05	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 108-10-1	4-Methyl-2-pentanone	400		ug/L	25	3.70	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 591-78-6	2-Hexanone	670		ug/L	25	3.45	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 100-41-4	Ethylbenzene	12		ug/L	5	1.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 108-90-7	Chlorobenzene	2.0	J	ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG XYLMP	p&m-Xylene	32		ug/L	10	1.31	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 95-47-6	o-Xylene	22		ug/L	5	0.64	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 100-42-5	Styrene	12		ug/L	5	1.01	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 98-82-8	Isopropylbenzene	13		ug/L	10	1.02	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 103-65-1	n-Propylbenzene	11		ug/L	10	1.35	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1742	T1-065	ORG 108-67-8	1,3,5-Trimethylbenzene	26		ug/L	10	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 95-63-6	1,2,4-Trimethylbenzene	140		ug/L	10	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 541-73-1	1,3-Dichlorobenzene	1.7	J	ug/L	10	1.11	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 99-87-6	p-Isopropyltoluene	620		ug/L	10	1.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 106-46-7	1,4-Dichlorobenzene	190		ug/L	10	1.65	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 95-50-1	1,2-Dichlorobenzene	4.4	J	ug/L	10	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 104-51-8	n-Butylbenzene	22	J	ug/L	25	1.39	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 120-82-1	1,2,4-Trichlorobenzene	6.7	J	ug/L	25	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 91-20-3	Naphthalene	600		ug/L	25	2.80	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	ORG 87-61-6	1,2,3-Trichlorobenzene	3.6	J	ug/L	25	1.16	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272				
NAL13026-1742	T1-065	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272	50	96%		
NAL13026-1742	T1-065	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272	50	88%		
NAL13026-1742	T1-065	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272	50	92%		
NAL13026-1742	T1-065	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5272	50	110%		



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D111214CCVA	D111214CCVA	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	96%		
D111214CCVA	D111214CCVA	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	72%		
D111214CCVA	D111214CCVA	ORG 75-01-4	Vinyl chloride	44		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	88%		
D111214CCVA	D111214CCVA	ORG 74-83-9	Bromomethane	37		ug/L	5	0.50	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	74%		
D111214CCVA	D111214CCVA	ORG 75-00-3	Chloroethane	29		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	58%		
D111214CCVA	D111214CCVA	ORG 75-69-4	Trichlorofluoromethane	120		ug/L	5	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	240%		
D111214CCVA	D111214CCVA	ORG 75-35-4	1,1-Dichloroethene	22		ug/L	1	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	44%		
D111214CCVA	D111214CCVA	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	90%		
D111214CCVA	D111214CCVA	ORG 67-64-1	Acetone	72		ug/L	10	1.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	144%		
D111214CCVA	D111214CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	ORG 1634-04-4	MTBE	54		ug/L	5	0.61	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	92%		
D111214CCVA	D111214CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	116%		
D111214CCVA	D111214CCVA	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	94%		
D111214CCVA	D111214CCVA	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	102%		
D111214CCVA	D111214CCVA	ORG 78-93-3	2-Butanone	43		ug/L	1	0.81	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	86%		
D111214CCVA	D111214CCVA	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	106%		
D111214CCVA	D111214CCVA	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	92%		
D111214CCVA	D111214CCVA	ORG 79-01-6	Trichloroethene	53		ug/L	1	0.36	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	106%		
D111214CCVA	D111214CCVA	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	92%		
D111214CCVA	D111214CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	92%		
D111214CCVA	D111214CCVA	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	98%		
D111214CCVA	D111214CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 127-18-4	Tetrachloroethene	56		ug/L	1	0.49	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	112%		
D111214CCVA	D111214CCVA	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	88%		
D111214CCVA	D111214CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	102%		
D111214CCVA	D111214CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	104%		
D111214CCVA	D111214CCVA	ORG 591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	92%		
D111214CCVA	D111214CCVA	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	110%		
D111214CCVA	D111214CCVA	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	98%		
D111214CCVA	D111214CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	104%		
D111214CCVA	D111214CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	100	110%		
D111214CCVA	D111214CCVA	ORG 95-47-6	o-Xylene	53		ug/L	1	0.13	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	106%		
D111214CCVA	D111214CCVA	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	102%		
D111214CCVA	D111214CCVA	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	98%		
D111214CCVA	D111214CCVA	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	110%		
D111214CCVA	D111214CCVA	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	116%		
D111214CCVA	D111214CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	42		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	84%		
D111214CCVA	D111214CCVA	ORG 96-18-4	1,2,3-Trichloropropane	41		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	82%		



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D111214CCVA	D111214CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	104%		
D111214CCVA	D111214CCVA	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	106%		
D111214CCVA	D111214CCVA	ORG 135-98-8	sec-Butylbenzene	54		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	110%		
D111214CCVA	D111214CCVA	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	98%		
D111214CCVA	D111214CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	108%		
D111214CCVA	D111214CCVA	ORG 104-51-8	n-Butylbenzene	52		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	104%		
D111214CCVA	D111214CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	45		ug/L	5	1.59	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	90%		
D111214CCVA	D111214CCVA	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	104%		
D111214CCVA	D111214CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	96%		
D111214CCVA	D111214CCVA	ORG 91-20-3	Naphthalene	47		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	94%		
D111214CCVA	D111214CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	100%		
D111214CCVA	D111214CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	86%		
D111214CCVA	D111214CCVA	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	94%		
D111214CCVA	D111214CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5268	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111214MBKA	D111214MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

- B = Analyte is found in the associated blank as well as in the sample.
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111214MBKA	D111214MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270				
D111214MBKA	D111214MBKA	STD 1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270	50	94%		
D111214MBKA	D111214MBKA	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270	50	96%		
D111214MBKA	D111214MBKA	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270	50	100%		
D111214MBKA	D111214MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5270	50	108%		



FINAL ANALYTICAL REPORT

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D111214ALCS	D111214ALCS	ORG 75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	72%		
D111214ALCS	D111214ALCS	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	90%		
D111214ALCS	D111214ALCS	ORG 74-83-9	Bromomethane	41		ug/L	5	0.50	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	82%		
D111214ALCS	D111214ALCS	ORG 75-00-3	Chloroethane	29		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	58%		
D111214ALCS	D111214ALCS	ORG 75-69-4	Trichlorofluoromethane	60		ug/L	5	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	120%		
D111214ALCS	D111214ALCS	ORG 75-35-4	1,1-Dichloroethene	35		ug/L	1	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	70%		
D111214ALCS	D111214ALCS	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	90%		
D111214ALCS	D111214ALCS	ORG 67-64-1	Acetone	80		ug/L	10	1.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	160%		
D111214ALCS	D111214ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 1634-04-4	MTBE	54		ug/L	5	0.61	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	108%		
D111214ALCS	D111214ALCS	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	92%		
D111214ALCS	D111214ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	116%		
D111214ALCS	D111214ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	94%		
D111214ALCS	D111214ALCS	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 78-93-3	2-Butanone	47		ug/L	1	0.81	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	94%		
D111214ALCS	D111214ALCS	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	106%		
D111214ALCS	D111214ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	100%		
D111214ALCS	D111214ALCS	ORG 107-06-2	1,2-Dichloroethane	45		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	90%		
D111214ALCS	D111214ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	100%		
D111214ALCS	D111214ALCS	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	100%		
D111214ALCS	D111214ALCS	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	90%		
D111214ALCS	D111214ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	108%		
D111214ALCS	D111214ALCS	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	92%		
D111214ALCS	D111214ALCS	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	108%		
D111214ALCS	D111214ALCS	ORG 127-18-4	Tetrachloroethene	58		ug/L	1	0.49	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	116%		
D111214ALCS	D111214ALCS	ORG 79-00-5	1,1,2-Trichloroethane	45		ug/L	1	0.34	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	90%		
D111214ALCS	D111214ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG 591-78-6	2-Hexanone	49		ug/L	2	0.69	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	110%		
D111214ALCS	D111214ALCS	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	100	110%		
D111214ALCS	D111214ALCS	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	100%		
D111214ALCS	D111214ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	110%		
D111214ALCS	D111214ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	114%		
D111214ALCS	D111214ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	88%		
D111214ALCS	D111214ALCS	ORG 96-18-4	1,2,3-Trichloropropane	43		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	86%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111214ALCS	D111214ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	104%		
D111214ALCS	D111214ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	106%		
D111214ALCS	D111214ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	106%		
D111214ALCS	D111214ALCS	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	106%		
D111214ALCS	D111214ALCS	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	108%		
D111214ALCS	D111214ALCS	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	96%		
D111214ALCS	D111214ALCS	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	100%		
D111214ALCS	D111214ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		
D111214ALCS	D111214ALCS	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	98%		
D111214ALCS	D111214ALCS	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	88%		
D111214ALCS	D111214ALCS	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	94%		
D111214ALCS	D111214ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5269	50	102%		



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D111214ALCD	D111214ALCD	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	96%	2%	
D111214ALCD	D111214ALCD	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	76%	5%	
D111214ALCD	D111214ALCD	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	90%	0%	
D111214ALCD	D111214ALCD	ORG 74-83-9	Bromomethane	35		ug/L	5	0.50	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	70%	16%	
D111214ALCD	D111214ALCD	ORG 75-00-3	Chloroethane	30		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	60%	3%	
D111214ALCD	D111214ALCD	ORG 75-69-4	Trichlorofluoromethane	53		ug/L	5	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	12%	
D111214ALCD	D111214ALCD	ORG 75-35-4	1,1-Dichloroethene	30		ug/L	1	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	60%	15%	
D111214ALCD	D111214ALCD	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	90%	0%	
D111214ALCD	D111214ALCD	ORG 67-64-1	Acetone	68		ug/L	10	1.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	136%	16%	
D111214ALCD	D111214ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	98%	0%	
D111214ALCD	D111214ALCD	ORG 1634-04-4	MTBE	57		ug/L	5	0.61	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	114%	5%	
D111214ALCD	D111214ALCD	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	92%	0%	
D111214ALCD	D111214ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	114%	2%	
D111214ALCD	D111214ALCD	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	4%	
D111214ALCD	D111214ALCD	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	94%	0%	
D111214ALCD	D111214ALCD	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	0%	
D111214ALCD	D111214ALCD	ORG 78-93-3	2-Butanone	50		ug/L	1	0.81	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	100%	6%	
D111214ALCD	D111214ALCD	ORG 56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	2%	
D111214ALCD	D111214ALCD	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	100%	0%	
D111214ALCD	D111214ALCD	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	94%	4%	
D111214ALCD	D111214ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	0%	
D111214ALCD	D111214ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	4%	
D111214ALCD	D111214ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	2%	
D111214ALCD	D111214ALCD	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	92%	2%	
D111214ALCD	D111214ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	0%	
D111214ALCD	D111214ALCD	ORG 108-88-3	Toluene	46		ug/L	1	0.21	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	92%	0%	
D111214ALCD	D111214ALCD	ORG 108-10-1	4-Methyl-2-pentanone	54		ug/L	5	0.74	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	10%	
D111214ALCD	D111214ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	110%	2%	
D111214ALCD	D111214ALCD	ORG 127-18-4	Tetrachloroethene	53		ug/L	1	0.49	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	9%	
D111214ALCD	D111214ALCD	ORG 79-00-5	1,1,2-Trichloroethane	45		ug/L	1	0.34	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	90%	0%	
D111214ALCD	D111214ALCD	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	2%	
D111214ALCD	D111214ALCD	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	4%	
D111214ALCD	D111214ALCD	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	4%	
D111214ALCD	D111214ALCD	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	2%	
D111214ALCD	D111214ALCD	ORG 108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	94%	4%	
D111214ALCD	D111214ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	0%	
D111214ALCD	D111214ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	100	110%	0%	
D111214ALCD	D111214ALCD	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	0%	
D111214ALCD	D111214ALCD	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	0%	
D111214ALCD	D111214ALCD	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	2%	
D111214ALCD	D111214ALCD	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	108%	2%	
D111214ALCD	D111214ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	112%	2%	
D111214ALCD	D111214ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	46		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	92%	4%	
D111214ALCD	D111214ALCD	ORG 96-18-4	1,2,3-Trichloropropane	44		ug/L	2	0.29	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	88%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111214ALCD	D111214ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	102%	0%	
D111214ALCD	D111214ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	2%	
D111214ALCD	D111214ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	52		ug/L	2	0.20	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	2%	
D111214ALCD	D111214ALCD	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	2%	
D111214ALCD	D111214ALCD	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	110%	4%	
D111214ALCD	D111214ALCD	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	0%	
D111214ALCD	D111214ALCD	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	98%	0%	
D111214ALCD	D111214ALCD	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	110%	2%	
D111214ALCD	D111214ALCD	ORG 104-51-8	n-Butylbenzene	50		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	100%	2%	
D111214ALCD	D111214ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	4%	
D111214ALCD	D111214ALCD	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	98%	0%	
D111214ALCD	D111214ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	98%	2%	
D111214ALCD	D111214ALCD	ORG 91-20-3	Naphthalene	52		ug/L	5	0.56	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	4%	
D111214ALCD	D111214ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	106%	4%	
D111214ALCD	D111214ALCD	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	100%	2%	
D111214ALCD	D111214ALCD	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	88%	0%	
D111214ALCD	D111214ALCD	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	92%	2%	
D111214ALCD	D111214ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/12/2014	11/12/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5273	50	104%	2%	



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Project #: NAL13-026
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NAL13026-1742MS	T1-065	ORG 75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	92%		
NAL13026-1742MS	T1-065	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	76%		
NAL13026-1742MS	T1-065	ORG 75-01-4	Vinyl chloride	220		ug/L	10	1.59	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		
NAL13026-1742MS	T1-065	ORG 74-83-9	Bromomethane	190		ug/L	25	2.50	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	76%		
NAL13026-1742MS	T1-065	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	52%		
NAL13026-1742MS	T1-065	ORG 75-69-4	Trichlorofluoromethane	250		ug/L	25	0.98	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 75-35-4	1,1-Dichloroethene	150		ug/L	5	2.36	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	60%		
NAL13026-1742MS	T1-065	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		
NAL13026-1742MS	T1-065	ORG 67-64-1	Acetone	51000		ug/L	50	7.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	400%		50000
NAL13026-1742MS	T1-065	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 1634-04-4	MTBE	280		ug/L	25	3.06	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	112%		
NAL13026-1742MS	T1-065	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		
NAL13026-1742MS	T1-065	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	116%		
NAL13026-1742MS	T1-065	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	96%		
NAL13026-1742MS	T1-065	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	1600%		13000
NAL13026-1742MS	T1-065	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		11
NAL13026-1742MS	T1-065	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	92%		
NAL13026-1742MS	T1-065	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	112%		
NAL13026-1742MS	T1-065	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		
NAL13026-1742MS	T1-065	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	86%		5.5
NAL13026-1742MS	T1-065	ORG 108-10-1	4-Methyl-2-pentanone	680		ug/L	25	3.70	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	112%		400
NAL13026-1742MS	T1-065	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 127-18-4	Tetrahydroethene	250		ug/L	5	2.43	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	92%		
NAL13026-1742MS	T1-065	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	108%		
NAL13026-1742MS	T1-065	ORG 591-78-6	2-Hexanone	840		ug/L	10	3.45	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	68%		670
NAL13026-1742MS	T1-065	ORG 100-41-4	Ethylbenzene	260		ug/L	5	1.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	99%		12
NAL13026-1742MS	T1-065	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	91%		2.0
NAL13026-1742MS	T1-065	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	96%		
NAL13026-1742MS	T1-065	ORG XYLMP	p&m-Xylene	540		ug/L	10	1.31	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	500	102%		32
NAL13026-1742MS	T1-065	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	99%		22
NAL13026-1742MS	T1-065	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	99%		12
NAL13026-1742MS	T1-065	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	100%		
NAL13026-1742MS	T1-065	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	103%		13
NAL13026-1742MS	T1-065	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	108%		11
NAL13026-1742MS	T1-065	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	96%		
NAL13026-1742MS	T1-065	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		



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NAL13026-1742MS	T1-065	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 95-63-6	1,2,4-Trimethylbenzene	370		ug/L	10	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	92%		140
NAL13026-1742MS	T1-065	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	104%		
NAL13026-1742MS	T1-065	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	107%		1.7
NAL13026-1742MS	T1-065	ORG 99-87-6	p-Isopropyltoluene	750		ug/L	10	1.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	52%		620
NAL13026-1742MS	T1-065	ORG 106-46-7	1,4-Dichlorobenzene	410		ug/L	10	1.65	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	88%		190
NAL13026-1742MS	T1-065	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	106%		4.4
NAL13026-1742MS	T1-065	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	95%		22
NAL13026-1742MS	T1-065	ORG 96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	128%		
NAL13026-1742MS	T1-065	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	72%		
NAL13026-1742MS	T1-065	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	93%		6.7
NAL13026-1742MS	T1-065	ORG 91-20-3	Naphthalene	810		ug/L	25	2.80	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	84%		600
NAL13026-1742MS	T1-065	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	250	95%		3.6
NAL13026-1742MS	T1-065	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	50	102%		
NAL13026-1742MS	T1-065	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	50	88%		
NAL13026-1742MS	T1-065	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	50	90%		
NAL13026-1742MS	T1-065	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5274	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1742MSD	T1-065	ORG 75-71-8	Dichlorodifluoromethane	260		ug/L	25	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	12%	
NAL13026-1742MSD	T1-065	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	76%	0%	
NAL13026-1742MSD	T1-065	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	9%	
NAL13026-1742MSD	T1-065	ORG 74-83-9	Bromomethane	210		ug/L	25	2.50	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	84%	10%	
NAL13026-1742MSD	T1-065	ORG 75-00-3	Chloroethane	130		ug/L	25	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	52%	0%	
NAL13026-1742MSD	T1-065	ORG 75-69-4	Trichlorofluoromethane	390		ug/L	25	0.98	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	156%	44%	
NAL13026-1742MSD	T1-065	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	64%	6%	
NAL13026-1742MSD	T1-065	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	88%	0%	
NAL13026-1742MSD	T1-065	ORG 67-64-1	Acetone	50000		ug/L	50	7.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	0%	2%	50000
NAL13026-1742MSD	T1-065	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	0%	
NAL13026-1742MSD	T1-065	ORG 1634-04-4	MTBE	280		ug/L	25	3.06	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	112%	0%	
NAL13026-1742MSD	T1-065	ORG 75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	92%	4%	
NAL13026-1742MSD	T1-065	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	116%	0%	
NAL13026-1742MSD	T1-065	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	0%	
NAL13026-1742MSD	T1-065	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	0%	
NAL13026-1742MSD	T1-065	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	4%	
NAL13026-1742MSD	T1-065	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	1600%	0%	13000
NAL13026-1742MSD	T1-065	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	108%	4%	
NAL13026-1742MSD	T1-065	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	0%	11
NAL13026-1742MSD	T1-065	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	92%	0%	
NAL13026-1742MSD	T1-065	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	4%	
NAL13026-1742MSD	T1-065	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	108%	4%	
NAL13026-1742MSD	T1-065	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	0%	
NAL13026-1742MSD	T1-065	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	88%	0%	
NAL13026-1742MSD	T1-065	ORG 10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	108%	4%	
NAL13026-1742MSD	T1-065	ORG 108-88-3	Toluene	230		ug/L	5	1.05	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	90%	4%	5.5
NAL13026-1742MSD	T1-065	ORG 108-10-1	4-Methyl-2-pentanone	680		ug/L	25	3.70	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	112%	0%	400
NAL13026-1742MSD	T1-065	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	0%	
NAL13026-1742MSD	T1-065	ORG 127-18-4	Tetrahydroethene	260		ug/L	5	2.43	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	4%	
NAL13026-1742MSD	T1-065	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	92%	0%	
NAL13026-1742MSD	T1-065	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	0%	
NAL13026-1742MSD	T1-065	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	104%	4%	
NAL13026-1742MSD	T1-065	ORG 591-78-6	2-Hexanone	860		ug/L	10	3.45	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	76%	2%	670
NAL13026-1742MSD	T1-065	ORG 100-41-4	Ethylbenzene	280		ug/L	5	1.27	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	107%	7%	12
NAL13026-1742MSD	T1-065	ORG 108-90-7	Chlorobenzene	240		ug/L	5	1.38	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	95%	4%	2.0
NAL13026-1742MSD	T1-065	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	4%	
NAL13026-1742MSD	T1-065	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	500	108%	5%	32
NAL13026-1742MSD	T1-065	ORG 95-47-6	o-Xylene	290		ug/L	5	0.64	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	107%	7%	22
NAL13026-1742MSD	T1-065	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	99%	0%	12
NAL13026-1742MSD	T1-065	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	100%	0%	
NAL13026-1742MSD	T1-065	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	107%	4%	13
NAL13026-1742MSD	T1-065	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	112%	4%	11
NAL13026-1742MSD	T1-065	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	0%	
NAL13026-1742MSD	T1-065	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	88%	0%	



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NAL13026-1742MSD	T1-065	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	98%	4%	26
NAL13026-1742MSD	T1-065	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	112%	7%	
NAL13026-1742MSD	T1-065	ORG	95-63-6	1,2,4-Trimethylbenzene	380		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	3%	140
NAL13026-1742MSD	T1-065	ORG	135-98-8	sec-Butylbenzene	270		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	108%	4%	
NAL13026-1742MSD	T1-065	ORG	541-73-1	1,3-Dichlorobenzene	270		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	107%	0%	1.7
NAL13026-1742MSD	T1-065	ORG	99-87-6	p-Isopropyltoluene	740		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	48%	1%	620
NAL13026-1742MSD	T1-065	ORG	106-46-7	1,4-Dichlorobenzene	430		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	5%	190
NAL13026-1742MSD	T1-065	ORG	95-50-1	1,2-Dichlorobenzene	280		ug/L	10	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	110%	4%	4.4
NAL13026-1742MSD	T1-065	ORG	104-51-8	n-Butylbenzene	270		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	99%	4%	22
NAL13026-1742MSD	T1-065	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	120%	6%	
NAL13026-1742MSD	T1-065	ORG	87-68-3	Hexachlorobutadiene	190		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	76%	5%	
NAL13026-1742MSD	T1-065	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	93%	0%	6.7
NAL13026-1742MSD	T1-065	ORG	91-20-3	Naphthalene	840		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	96%	4%	600
NAL13026-1742MSD	T1-065	ORG	87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	250	99%	4%	3.6
NAL13026-1742MSD	T1-065	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	50	100%	2%	
NAL13026-1742MSD	T1-065	STD	17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	50	86%	2%	
NAL13026-1742MSD	T1-065	STD	2037-26-5	Toluene d8	46		ug/L	1	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	50	92%	2%	
NAL13026-1742MSD	T1-065	STD	460-00-4	Bromofluorobenzene	54		ug/L	1	11/12/2014	11/12/2014	11/12/2014	WG	5	NA	5.0	NA	SW8260B	NALD5275	50	108%	2%	



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NAL13026-1743	T1-066	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 67-64-1	Acetone	66000	D	ug/L	5000	778.04	11/13/2014	11/13/2014	11/13/2014	WG	500	NA	5.0	NA	SW8260B	NALD5281				
NAL13026-1743	T1-066	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 67-66-3	Chloroform	1.3	J	ug/L	5	0.79	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 78-93-3	2-Butanone	11000	D	ug/L	5000	405.90	11/13/2014	11/13/2014	11/13/2014	WG	500	NA	5.0	NA	SW8260B	NALD5281				
NAL13026-1743	T1-066	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 71-43-2	Benzene	13		ug/L	5	0.68	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 108-88-3	Toluene	6.4		ug/L	5	1.05	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 108-10-1	4-Methyl-2-pentanone	550		ug/L	25	3.70	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 591-78-6	2-Hexanone	320		ug/L	25	3.45	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 100-41-4	Ethylbenzene	15		ug/L	5	1.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 108-90-7	Chlorobenzene	2.3	J	ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG XYLMP	p&m-Xylene	37		ug/L	10	1.31	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 95-47-6	o-Xylene	2.66		ug/L	5	0.64	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 100-42-5	Styrene	13		ug/L	5	1.01	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 98-82-8	Isopropylbenzene	14		ug/L	10	1.02	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 103-65-1	n-Propylbenzene	12		ug/L	10	1.35	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1743	T1-066	ORG 108-67-8	1,3,5-Trimethylbenzene	27		ug/L	10	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 95-63-6	1,2,4-Trimethylbenzene	140		ug/L	10	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 541-73-1	1,3-Dichlorobenzene	1.9	J	ug/L	10	1.11	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 99-87-6	p-Isopropyltoluene	530		ug/L	10	1.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 106-46-7	1,4-Dichlorobenzene	200		ug/L	10	1.65	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 95-50-1	1,2-Dichlorobenzene	4.5	J	ug/L	10	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 104-51-8	n-Butylbenzene	13	J	ug/L	25	1.39	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 120-82-1	1,2,4-Trichlorobenzene	5.7	J	ug/L	25	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 91-20-3	Naphthalene	480		ug/L	25	2.80	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	ORG 87-61-6	1,2,3-Trichlorobenzene	2.9	J	ug/L	25	1.16	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282				
NAL13026-1743	T1-066	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282	50	96%		
NAL13026-1743	T1-066	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282	50	90%		
NAL13026-1743	T1-066	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282	50	92%		
NAL13026-1743	T1-066	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5282	50	108%		



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D111314CCVA	D111314CCVA	ORG 75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 74-87-3	Chloromethane	39		ug/L	5	0.43	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	78%		
D111314CCVA	D111314CCVA	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	96%		
D111314CCVA	D111314CCVA	ORG 74-83-9	Bromomethane	44		ug/L	5	0.50	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	88%		
D111314CCVA	D111314CCVA	ORG 75-00-3	Chloroethane	28		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	56%		
D111314CCVA	D111314CCVA	ORG 75-69-4	Trichlorofluoromethane	76		ug/L	5	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	152%		
D111314CCVA	D111314CCVA	ORG 75-35-4	1,1-Dichloroethene	11		ug/L	1	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	22%		
D111314CCVA	D111314CCVA	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	94%		
D111314CCVA	D111314CCVA	ORG 67-64-1	Acetone	46		ug/L	10	1.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	92%		
D111314CCVA	D111314CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	98%		
D111314CCVA	D111314CCVA	ORG 1634-04-4	MTBE	56		ug/L	5	0.61	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	112%		
D111314CCVA	D111314CCVA	ORG 75-34-3	1,1-Dichloroethane	43		ug/L	1	0.53	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	86%		
D111314CCVA	D111314CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	108%		
D111314CCVA	D111314CCVA	ORG 74-97-5	Bromochloromethane	47		ug/L	10	0.41	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	94%		
D111314CCVA	D111314CCVA	ORG 67-66-3	Chloroform	46		ug/L	2	0.16	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	92%		
D111314CCVA	D111314CCVA	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 78-93-3	2-Butanone	45		ug/L	1	0.81	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	90%		
D111314CCVA	D111314CCVA	ORG 56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	108%		
D111314CCVA	D111314CCVA	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	100%		
D111314CCVA	D111314CCVA	ORG 107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	88%		
D111314CCVA	D111314CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	98%		
D111314CCVA	D111314CCVA	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	100%		
D111314CCVA	D111314CCVA	ORG 75-27-4	Bromodichloromethane	46		ug/L	2	0.12	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	92%		
D111314CCVA	D111314CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	55		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	110%		
D111314CCVA	D111314CCVA	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	90%		
D111314CCVA	D111314CCVA	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	98%		
D111314CCVA	D111314CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	110%		
D111314CCVA	D111314CCVA	ORG 127-18-4	Tetrachloroethene	51		ug/L	1	0.49	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 79-00-5	1,1,2-Trichloroethane	43		ug/L	1	0.34	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	86%		
D111314CCVA	D111314CCVA	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	88%		
D111314CCVA	D111314CCVA	ORG 100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	108%		
D111314CCVA	D111314CCVA	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	96%		
D111314CCVA	D111314CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	51		ug/L	2	0.19	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	100	110%		
D111314CCVA	D111314CCVA	ORG 95-47-6	o-Xylene	52		ug/L	1	0.13	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 100-42-5	Styrene	51		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	108%		
D111314CCVA	D111314CCVA	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	110%		
D111314CCVA	D111314CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	42		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	84%		
D111314CCVA	D111314CCVA	ORG 96-18-4	1,2,3-Trichloropropane	41		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	82%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111314CCVA	D111314CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	100%		
D111314CCVA	D111314CCVA	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		
D111314CCVA	D111314CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	104%		
D111314CCVA	D111314CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		
D111314CCVA	D111314CCVA	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		
D111314CCVA	D111314CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	96%		
D111314CCVA	D111314CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		
D111314CCVA	D111314CCVA	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	102%		
D111314CCVA	D111314CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	98%		
D111314CCVA	D111314CCVA	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		
D111314CCVA	D111314CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	96%		
D111314CCVA	D111314CCVA	ORG 91-20-3	Naphthalene	47		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	94%		
D111314CCVA	D111314CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	100%		
D111314CCVA	D111314CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	100%		
D111314CCVA	D111314CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	86%		
D111314CCVA	D111314CCVA	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	94%		
D111314CCVA	D111314CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5278	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111314MBKA	D111314MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				



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D111314MBKA	D111314MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280				
D111314MBKA	D111314MBKA	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280	50	96%		
D111314MBKA	D111314MBKA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280	50	94%		
D111314MBKA	D111314MBKA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280	50	98%		
D111314MBKA	D111314MBKA	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5280	50	110%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111314ALCS	D111314ALCS	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	96%		
D111314ALCS	D111314ALCS	ORG 74-87-3	Chloromethane	39		ug/L	5	0.43	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	78%		
D111314ALCS	D111314ALCS	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	90%		
D111314ALCS	D111314ALCS	ORG 74-83-9	Bromomethane	40		ug/L	5	0.50	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	80%		
D111314ALCS	D111314ALCS	ORG 75-00-3	Chloroethane	27		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	54%		
D111314ALCS	D111314ALCS	ORG 75-69-4	Trichlorofluoromethane	47		ug/L	5	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	94%		
D111314ALCS	D111314ALCS	ORG 75-35-4	1,1-Dichloroethene	29		ug/L	1	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	58%		
D111314ALCS	D111314ALCS	ORG 75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	92%		
D111314ALCS	D111314ALCS	ORG 67-64-1	Acetone	73		ug/L	10	1.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	146%		
D111314ALCS	D111314ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	98%		
D111314ALCS	D111314ALCS	ORG 1634-04-4	MTBE	58		ug/L	5	0.61	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	116%		
D111314ALCS	D111314ALCS	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	92%		
D111314ALCS	D111314ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	116%		
D111314ALCS	D111314ALCS	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	94%		
D111314ALCS	D111314ALCS	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	92%		
D111314ALCS	D111314ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	104%		
D111314ALCS	D111314ALCS	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	90%		
D111314ALCS	D111314ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	90%		
D111314ALCS	D111314ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	112%		
D111314ALCS	D111314ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	110%		
D111314ALCS	D111314ALCS	ORG 127-18-4	Tetrachloroethene	51		ug/L	1	0.49	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	92%		
D111314ALCS	D111314ALCS	ORG 124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	ORG 591-78-6	2-Hexanone	58		ug/L	2	0.69	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	116%		
D111314ALCS	D111314ALCS	ORG 100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	96%		
D111314ALCS	D111314ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	104%		
D111314ALCS	D111314ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	100	110%		
D111314ALCS	D111314ALCS	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	ORG 75-25-2	Bromoform	53		ug/L	2	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	110%		
D111314ALCS	D111314ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	46		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	92%		
D111314ALCS	D111314ALCS	ORG 96-18-4	1,2,3-Trichloropropane	44		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	88%		



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D111314ALCS	D111314ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	104%		
D111314ALCS	D111314ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	106%		
D111314ALCS	D111314ALCS	ORG 99-87-6	p-Isopropyltoluene	51		ug/L	2	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	102%		
D111314ALCS	D111314ALCS	ORG 106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	98%		
D111314ALCS	D111314ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	ORG 104-51-8	n-Butylbenzene	49		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	98%		
D111314ALCS	D111314ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	56		ug/L	5	1.59	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	112%		
D111314ALCS	D111314ALCS	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	104%		
D111314ALCS	D111314ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	98%		
D111314ALCS	D111314ALCS	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	108%		
D111314ALCS	D111314ALCS	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	100%		
D111314ALCS	D111314ALCS	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	88%		
D111314ALCS	D111314ALCS	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	90%		
D111314ALCS	D111314ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5279	50	104%		



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D111314ALCD	D111314ALCD	ORG 75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	100%	4%	
D111314ALCD	D111314ALCD	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	72%	8%	
D111314ALCD	D111314ALCD	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	90%	0%	
D111314ALCD	D111314ALCD	ORG 74-83-9	Bromomethane	43		ug/L	5	0.50	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	86%	7%	
D111314ALCD	D111314ALCD	ORG 75-00-3	Chloroethane	32		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	64%	17%	
D111314ALCD	D111314ALCD	ORG 75-69-4	Trichlorofluoromethane	210		ug/L	5	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	420%	127%	
D111314ALCD	D111314ALCD	ORG 75-35-4	1,1-Dichloroethene	29		ug/L	1	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	58%	0%	
D111314ALCD	D111314ALCD	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	96%	4%	
D111314ALCD	D111314ALCD	ORG 67-64-1	Acetone	77		ug/L	10	1.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	154%	5%	
D111314ALCD	D111314ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	102%	4%	
D111314ALCD	D111314ALCD	ORG 1634-04-4	MTBE	58		ug/L	5	0.61	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	116%	0%	
D111314ALCD	D111314ALCD	ORG 75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	94%	2%	
D111314ALCD	D111314ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	59		ug/L	1	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	118%	2%	
D111314ALCD	D111314ALCD	ORG 74-97-5	Bromochloromethane	58		ug/L	10	0.41	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	116%	7%	
D111314ALCD	D111314ALCD	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	98%	4%	
D111314ALCD	D111314ALCD	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	106%	6%	
D111314ALCD	D111314ALCD	ORG 78-93-3	2-Butanone	64		ug/L	1	0.81	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	128%	19%	
D111314ALCD	D111314ALCD	ORG 56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	108%	2%	
D111314ALCD	D111314ALCD	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	4%	
D111314ALCD	D111314ALCD	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	98%	6%	
D111314ALCD	D111314ALCD	ORG 79-01-6	Trichloroethene	53		ug/L	1	0.36	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	106%	4%	
D111314ALCD	D111314ALCD	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	108%	4%	
D111314ALCD	D111314ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	102%	2%	
D111314ALCD	D111314ALCD	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	90%	0%	
D111314ALCD	D111314ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	4%	
D111314ALCD	D111314ALCD	ORG 108-88-3	Toluene	47		ug/L	1	0.21	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	94%	4%	
D111314ALCD	D111314ALCD	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	2%	
D111314ALCD	D111314ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	0%	
D111314ALCD	D111314ALCD	ORG 127-18-4	Tetrachloroethene	56		ug/L	1	0.49	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	112%	9%	
D111314ALCD	D111314ALCD	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	94%	2%	
D111314ALCD	D111314ALCD	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	2%	
D111314ALCD	D111314ALCD	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	112%	4%	
D111314ALCD	D111314ALCD	ORG 591-78-6	2-Hexanone	55		ug/L	2	0.69	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	5%	
D111314ALCD	D111314ALCD	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	112%	6%	
D111314ALCD	D111314ALCD	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	98%	2%	
D111314ALCD	D111314ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	0%	
D111314ALCD	D111314ALCD	ORG XYLMP	p&m-Xylene	120		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	100	120%	9%	
D111314ALCD	D111314ALCD	ORG 95-47-6	o-Xylene	53		ug/L	1	0.13	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	106%	4%	
D111314ALCD	D111314ALCD	ORG 100-42-5	Styrene	52		ug/L	1	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	4%	
D111314ALCD	D111314ALCD	ORG 75-25-2	Bromoform	52		ug/L	2	0.47	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	2%	
D111314ALCD	D111314ALCD	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	4%	
D111314ALCD	D111314ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	116%	5%	
D111314ALCD	D111314ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	100%	8%	
D111314ALCD	D111314ALCD	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	98%	11%	



FINAL ANALYTICAL REPORT

Republic Services
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 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111314ALCD	D111314ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	106%	6%	
D111314ALCD	D111314ALCD	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	0%	
D111314ALCD	D111314ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	106%	4%	
D111314ALCD	D111314ALCD	ORG 135-98-8	sec-Butylbenzene	54		ug/L	2	0.32	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	108%	6%	
D111314ALCD	D111314ALCD	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	4%	
D111314ALCD	D111314ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	108%	6%	
D111314ALCD	D111314ALCD	ORG 106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	100%	2%	
D111314ALCD	D111314ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	112%	4%	
D111314ALCD	D111314ALCD	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	102%	4%	
D111314ALCD	D111314ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	2%	
D111314ALCD	D111314ALCD	ORG 87-68-3	Hexachlorobutadiene	49		ug/L	5	0.65	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	98%	6%	
D111314ALCD	D111314ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	96%	2%	
D111314ALCD	D111314ALCD	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	112%	4%	
D111314ALCD	D111314ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	110%	2%	
D111314ALCD	D111314ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	102%	2%	
D111314ALCD	D111314ALCD	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	92%	4%	
D111314ALCD	D111314ALCD	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	92%	2%	
D111314ALCD	D111314ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/13/2014	11/13/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5284	50	104%	0%	



FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
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NAL13026-1743MS	T1-066	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	76%		
NAL13026-1743MS	T1-066	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	92%		
NAL13026-1743MS	T1-066	ORG 74-83-9	Bromomethane	230		ug/L	25	2.50	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	92%		
NAL13026-1743MS	T1-066	ORG 75-00-3	Chloroethane	140		ug/L	25	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	56%		
NAL13026-1743MS	T1-066	ORG 75-69-4	Trichlorofluoromethane	350		ug/L	25	0.98	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	140%		
NAL13026-1743MS	T1-066	ORG 75-35-4	1,1-Dichloroethene	150		ug/L	5	2.36	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	60%		
NAL13026-1743MS	T1-066	ORG 75-09-2	Methylene chloride	130		ug/L	25	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	52%		
NAL13026-1743MS	T1-066	ORG 67-64-1	Acetone	40000	E	ug/L	50	7.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	-10400%		66000
NAL13026-1743MS	T1-066	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 1634-04-4	MTBE	290		ug/L	25	3.06	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	116%		
NAL13026-1743MS	T1-066	ORG 75-34-3	1,1-Dichloroethane	220		ug/L	5	2.63	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	88%		
NAL13026-1743MS	T1-066	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	116%		
NAL13026-1743MS	T1-066	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 67-66-3	Chloroform	230		ug/L	10	0.79	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	91%		1.3
NAL13026-1743MS	T1-066	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 78-93-3	2-Butanone	13000	E	ug/L	5	4.06	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	800%		11000
NAL13026-1743MS	T1-066	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	104%		
NAL13026-1743MS	T1-066	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	99%		13
NAL13026-1743MS	T1-066	ORG 107-06-2	1,2-Dichloroethane	220		ug/L	5	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	88%		
NAL13026-1743MS	T1-066	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 74-95-3	Dibromomethane	360		ug/L	10	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	144%		
NAL13026-1743MS	T1-066	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	88%		
NAL13026-1743MS	T1-066	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	104%		
NAL13026-1743MS	T1-066	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	85%		6.4
NAL13026-1743MS	T1-066	ORG 108-10-1	4-Methyl-2-pentanone	720		ug/L	25	3.70	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	68%		550
NAL13026-1743MS	T1-066	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	104%		
NAL13026-1743MS	T1-066	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 79-00-5	1,1,2-Trichloroethane	220		ug/L	5	1.71	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	88%		
NAL13026-1743MS	T1-066	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG 591-78-6	2-Hexanone	380		ug/L	10	3.45	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	24%		320
NAL13026-1743MS	T1-066	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	102%		15
NAL13026-1743MS	T1-066	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	91%		2.3
NAL13026-1743MS	T1-066	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	100%		
NAL13026-1743MS	T1-066	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	500	105%		37
NAL13026-1743MS	T1-066	ORG 95-47-6	o-Xylene	280		ug/L	5	0.64	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	102%		26
NAL13026-1743MS	T1-066	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	99%		13
NAL13026-1743MS	T1-066	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	96%		
NAL13026-1743MS	T1-066	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	102%		14
NAL13026-1743MS	T1-066	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	107%		12
NAL13026-1743MS	T1-066	ORG 79-34-5	1,1,2,2-Tetrachloroethane	230		ug/L	10	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	92%		
NAL13026-1743MS	T1-066	ORG 96-18-4	1,2,3-Trichloropropane	200		ug/L	10	1.47	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5287	250	80%		

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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Table with 22 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Rows list various chemical compounds like 1,3,5-Trimethylbenzene, tert-Butylbenzene, etc., with their respective results and QC data.

FINAL ANALYTICAL REPORT

Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1743MSD	T1-066	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	0%	
NAL13026-1743MSD	T1-066	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	80%	5%	
NAL13026-1743MSD	T1-066	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	0%	
NAL13026-1743MSD	T1-066	ORG 74-83-9	Bromomethane	180		ug/L	25	2.50	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	72%	24%	
NAL13026-1743MSD	T1-066	ORG 75-00-3	Chloroethane	140		ug/L	25	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	56%	0%	
NAL13026-1743MSD	T1-066	ORG 75-69-4	Trichlorofluoromethane	300		ug/L	25	0.98	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	120%	15%	
NAL13026-1743MSD	T1-066	ORG 75-35-4	1,1-Dichloroethane	160		ug/L	5	2.36	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	64%	6%	
NAL13026-1743MSD	T1-066	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	88%	51%	
NAL13026-1743MSD	T1-066	ORG 67-64-1	Acetone	44000	E	ug/L	50	7.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	-8800%	10%	66000
NAL13026-1743MSD	T1-066	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	0%	
NAL13026-1743MSD	T1-066	ORG 1634-04-4	MTBE	290		ug/L	25	3.06	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	116%	0%	
NAL13026-1743MSD	T1-066	ORG 75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	4%	
NAL13026-1743MSD	T1-066	ORG 156-59-2	cis-1,2-Dichloroethene	300		ug/L	5	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	120%	3%	
NAL13026-1743MSD	T1-066	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	4%	
NAL13026-1743MSD	T1-066	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	95%	4%	1.3
NAL13026-1743MSD	T1-066	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	4%	
NAL13026-1743MSD	T1-066	ORG 78-93-3	2-Butanone	14000	E	ug/L	5	4.06	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	1200%	7%	11000
NAL13026-1743MSD	T1-066	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	108%	4%	
NAL13026-1743MSD	T1-066	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	99%	0%	13
NAL13026-1743MSD	T1-066	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	4%	
NAL13026-1743MSD	T1-066	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	4%	
NAL13026-1743MSD	T1-066	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	108%	29%	
NAL13026-1743MSD	T1-066	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	4%	
NAL13026-1743MSD	T1-066	ORG 75-27-4	Bromodichloromethane	230		ug/L	10	0.58	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	4%	
NAL13026-1743MSD	T1-066	ORG 10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	108%	4%	
NAL13026-1743MSD	T1-066	ORG 108-88-3	Toluene	230		ug/L	5	1.05	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	89%	4%	6.4
NAL13026-1743MSD	T1-066	ORG 108-10-1	4-Methyl-2-pentanone	780		ug/L	25	3.70	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	8%	550
NAL13026-1743MSD	T1-066	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	0%	
NAL13026-1743MSD	T1-066	ORG 127-18-4	Tetrahydroethene	250		ug/L	5	2.43	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	0%	
NAL13026-1743MSD	T1-066	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	4%	
NAL13026-1743MSD	T1-066	ORG 124-48-1	Dibromochloromethane	260		ug/L	25	1.49	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	0%	
NAL13026-1743MSD	T1-066	ORG 106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	4%	
NAL13026-1743MSD	T1-066	ORG 591-78-6	2-Hexanone	430		ug/L	10	3.45	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	44%	12%	320
NAL13026-1743MSD	T1-066	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	102%	0%	15
NAL13026-1743MSD	T1-066	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	91%	0%	2.3
NAL13026-1743MSD	T1-066	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	0%	
NAL13026-1743MSD	T1-066	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	500	105%	0%	37
NAL13026-1743MSD	T1-066	ORG 95-47-6	o-Xylene	280		ug/L	5	0.64	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	102%	0%	26
NAL13026-1743MSD	T1-066	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	99%	0%	13
NAL13026-1743MSD	T1-066	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	100%	4%	
NAL13026-1743MSD	T1-066	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	106%	4%	14
NAL13026-1743MSD	T1-066	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	107%	0%	12
NAL13026-1743MSD	T1-066	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	96%	4%	
NAL13026-1743MSD	T1-066	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	88%	10%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1743MSD	T1-066	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	97%	4%	27
NAL13026-1743MSD	T1-066	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	0%	
NAL13026-1743MSD	T1-066	ORG 95-63-6	1,2,4-Trimethylbenzene	380		ug/L	10	1.00	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	96%	3%	140
NAL13026-1743MSD	T1-066	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	104%	0%	
NAL13026-1743MSD	T1-066	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	103%	0%	1.9
NAL13026-1743MSD	T1-066	ORG 99-87-6	p-Isopropyltoluene	710		ug/L	10	1.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	72%	9%	530
NAL13026-1743MSD	T1-066	ORG 106-46-7	1,4-Dichlorobenzene	430		ug/L	10	1.65	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	92%	2%	200
NAL13026-1743MSD	T1-066	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	106%	4%	4.5
NAL13026-1743MSD	T1-066	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	99%	0%	13
NAL13026-1743MSD	T1-066	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	120%	7%	
NAL13026-1743MSD	T1-066	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	80%	5%	
NAL13026-1743MSD	T1-066	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	94%	4%	5.7
NAL13026-1743MSD	T1-066	ORG 91-20-3	Naphthalene	700		ug/L	25	2.80	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	88%	12%	480
NAL13026-1743MSD	T1-066	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	250	95%	4%	2.9
NAL13026-1743MSD	T1-066	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	50	102%	0%	
NAL13026-1743MSD	T1-066	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	50	86%	2%	
NAL13026-1743MSD	T1-066	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	50	90%	0%	
NAL13026-1743MSD	T1-066	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/13/2014	11/13/2014	11/13/2014	WG	5	NA	5.0	NA	SW8260B	NALD5286	50	106%	0%	

November 17, 2014

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Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-061
Pace Project No.: 60182282

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182282001	T1-061	Water	11/08/14 15:30	11/10/14 13:30
60182282002	TRIP BLANK	Water	11/08/14 15:30	11/10/14 13:30

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182282001	T1-061	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JML	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182282002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Sample: T1-061	Lab ID: 60182282001	Collected: 11/08/14 15:30	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	5520 ug/L		375	1	11/11/14 18:00	11/12/14 13:11	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:11	7440-36-0	
Arsenic	386 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:11	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 13:11	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:11	7440-43-9	
Chromium	111 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:11	7440-47-3	
Cobalt	25.2 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:11	7440-48-4	
Copper	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:11	7440-50-8	
Iron	335000 ug/L		250	1	11/11/14 18:00	11/12/14 13:11	7439-89-6	
Lead	27.3 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:11	7439-92-1	
Nickel	51.4 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:11	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 13:11	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 13:11	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 13:11	7440-28-0	
Zinc	2600 ug/L		250	1	11/11/14 18:00	11/12/14 13:11	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/13/14 14:45	11/14/14 11:44	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:44	7440-36-0	
Arsenic, Dissolved	245 ug/L		50.0	1	11/13/14 14:45	11/14/14 11:44	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/13/14 14:45	11/14/14 11:44	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:44	7440-43-9	
Chromium, Dissolved	67.3 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:44	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:44	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:44	7440-50-8	
Iron, Dissolved	27100 ug/L		250	1	11/13/14 14:45	11/14/14 11:44	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:44	7439-92-1	
Nickel, Dissolved	48.5 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:44	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/13/14 14:45	11/14/14 11:44	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/13/14 14:45	11/14/14 11:44	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/13/14 14:45	11/14/14 11:44	7440-28-0	
Zinc, Dissolved	287 ug/L		250	1	11/13/14 14:45	11/14/14 11:44	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	11/11/14 12:00	11/11/14 15:08	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/12/14 17:05	11/13/14 09:57	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 11:47	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 11:47	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		2000	1	11/12/14 00:00	11/13/14 11:47		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Sample: T1-061	Lab ID: 60182282001	Collected: 11/08/14 15:30	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	87-86-5	L3
Phenol	2610 ug/L		500	1	11/12/14 00:00	11/13/14 11:47	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 11:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87 %		33-120	1	11/12/14 00:00	11/13/14 11:47	4165-60-0	
2-Fluorobiphenyl (S)	78 %		39-120	1	11/12/14 00:00	11/13/14 11:47	321-60-8	
Terphenyl-d14 (S)	88 %		45-120	1	11/12/14 00:00	11/13/14 11:47	1718-51-0	
Phenol-d6 (S)	26 %		11-120	1	11/12/14 00:00	11/13/14 11:47	13127-88-3	
2-Fluorophenol (S)	39 %		17-120	1	11/12/14 00:00	11/13/14 11:47	367-12-4	
2,4,6-Tribromophenol (S)	97 %		39-120	1	11/12/14 00:00	11/13/14 11:47	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	58400 ug/L		1000	100		11/14/14 16:36	67-64-1	N2
Benzene	ND ug/L		100	100		11/14/14 16:36	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/14/14 16:36	75-27-4	
Bromoform	ND ug/L		100	100		11/14/14 16:36	75-25-2	
Bromomethane	ND ug/L		500	100		11/14/14 16:36	74-83-9	
2-Butanone (MEK)	27500 ug/L		1000	100		11/14/14 16:36	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/14/14 16:36	56-23-5	
Chloroethane	ND ug/L		100	100		11/14/14 16:36	75-00-3	
Chloroform	ND ug/L		100	100		11/14/14 16:36	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/14/14 16:36	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/14/14 16:36	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 16:36	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 16:36	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/14/14 16:36	100-41-4	
Methylene chloride	ND ug/L		100	100		11/14/14 16:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/14/14 16:36	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/14/14 16:36	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/14/14 16:36	127-18-4	
Toluene	ND ug/L		100	100		11/14/14 16:36	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/14/14 16:36	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/14/14 16:36	79-00-5	
Trichloroethene	ND ug/L		100	100		11/14/14 16:36	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/14/14 16:36	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/14/14 16:36	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/14/14 16:36	460-00-4	
Toluene-d8 (S)	106 %		80-120	100		11/14/14 16:36	2037-26-5	
1,2-Dichloroethane-d4 (S)	98 %		80-120	100		11/14/14 16:36	17060-07-0	
Preservation pH	6.0		1.0	100		11/14/14 16:36		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	132 mg/L		5.0	1		11/11/14 14:40		M1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Sample: T1-061		Lab ID: 60182282001	Collected: 11/08/14 15:30	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	7.8	mg/L	5.0	1		11/11/14 14:47		
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	3860	mg/L	5.0	1		11/12/14 12:47		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/11/14 11:30		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	7750	mg/L	2.0	1	11/10/14 15:21	11/15/14 09:16		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	155	mg/L	5.0	50		11/13/14 11:43	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	16600	mg/L	2500	250		11/12/14 09:11		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Sample: TRIP BLANK		Lab ID: 60182282002	Collected: 11/08/14 15:30	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/14/14 15:54	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/14/14 15:54	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/14/14 15:54	75-27-4	
Bromoform	ND ug/L		1.0	1		11/14/14 15:54	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/14/14 15:54	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/14/14 15:54	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/14/14 15:54	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/14/14 15:54	75-00-3	
Chloroform	ND ug/L		1.0	1		11/14/14 15:54	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/14/14 15:54	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/14/14 15:54	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 15:54	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 15:54	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/14/14 15:54	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/14/14 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/14/14 15:54	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/14/14 15:54	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/14/14 15:54	127-18-4	
Toluene	ND ug/L		1.0	1		11/14/14 15:54	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/14/14 15:54	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/14/14 15:54	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/14/14 15:54	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/14/14 15:54	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/14/14 15:54	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	92 %		80-120	1		11/14/14 15:54	460-00-4	
Toluene-d8 (S)	102 %		80-120	1		11/14/14 15:54	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		11/14/14 15:54	17060-07-0	
Preservation pH	6.0		1.0	1		11/14/14 15:54		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: MERP/9034 Analysis Method: EPA 245.1
 QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
 Associated Lab Samples: 60182282001

METHOD BLANK: 1476541 Matrix: Water
 Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/11/14 15:04	

LABORATORY CONTROL SAMPLE: 1476542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476543 1476544

Parameter	Units	60182282001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury	ug/L	ND	150	150	92.7	93.6	62	62	70-130	1	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: MERP/9041

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182282001

METHOD BLANK: 1477641

Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/13/14 09:50	

LABORATORY CONTROL SAMPLE: 1477642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1477643 1477644

Parameter	Units	60182283001		MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	ND	Spike Conc.	Conc.	Result	Conc.	% Rec	% Rec	RPD	RPD			
Mercury, Dissolved	ug/L	ND	150	150	81.0	83.1	54	55	70-130	3	20	M1		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: MPRP/29738

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182282001

METHOD BLANK: 1476938

Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476940												1476941	
Parameter	Units	60182025001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20		
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20		
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20		
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20		
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20		
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20		
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20		
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1	
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20		
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20		
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20		
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20		
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: MPRP/29779

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182282001

METHOD BLANK: 1478067

Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/14/14 11:37	
Antimony, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Arsenic, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Beryllium, Dissolved	ug/L	ND	1.0	11/14/14 11:37	
Cadmium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Chromium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Cobalt, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Copper, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Iron, Dissolved	ug/L	ND	50.0	11/14/14 11:37	
Lead, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Nickel, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Selenium, Dissolved	ug/L	ND	15.0	11/14/14 11:37	
Silver, Dissolved	ug/L	ND	7.0	11/14/14 11:37	
Thallium, Dissolved	ug/L	ND	20.0	11/14/14 11:37	
Zinc, Dissolved	ug/L	ND	50.0	11/14/14 11:37	

LABORATORY CONTROL SAMPLE: 1478068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	942	94	85-115	
Beryllium, Dissolved	ug/L	1000	960	96	85-115	
Cadmium, Dissolved	ug/L	1000	969	97	85-115	
Chromium, Dissolved	ug/L	1000	967	97	85-115	
Cobalt, Dissolved	ug/L	1000	981	98	85-115	
Copper, Dissolved	ug/L	1000	957	96	85-115	
Iron, Dissolved	ug/L	10000	9540	95	85-115	
Lead, Dissolved	ug/L	1000	970	97	85-115	
Nickel, Dissolved	ug/L	1000	999	100	85-115	
Selenium, Dissolved	ug/L	1000	976	98	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	982	98	85-115	
Zinc, Dissolved	ug/L	1000	976	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Parameter	Units	60182282001		1478069		1478070		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	49300	48600	99	97	70-130	1	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5060	5040	101	101	70-130	0	20			
Arsenic, Dissolved	ug/L	245	5000	5000	5280	5240	101	100	70-130	1	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	4790	4760	96	95	70-130	1	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5000	4970	100	99	70-130	1	20			
Chromium, Dissolved	ug/L	67.3	5000	5000	4950	4890	98	97	70-130	1	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	4850	4820	97	96	70-130	1	20			
Copper, Dissolved	ug/L	ND	5000	5000	4850	4790	97	96	70-130	1	20			
Iron, Dissolved	ug/L	27100	50000	50000	74800	73600	95	93	70-130	2	20			
Lead, Dissolved	ug/L	ND	5000	5000	4650	4620	93	92	70-130	1	20			
Nickel, Dissolved	ug/L	48.5	5000	5000	4940	4920	98	97	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5220	5210	104	104	70-130	0	20			
Silver, Dissolved	ug/L	ND	2500	2500	2450	2430	98	97	70-130	1	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4500	91	90	70-130	1	20			
Zinc, Dissolved	ug/L	287	5000	5000	5180	5150	98	97	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: MSV/65754 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182282001, 60182282002

METHOD BLANK: 1478785 Matrix: Water

Associated Lab Samples: 60182282001, 60182282002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/14/14 14:32	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/14/14 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	11/14/14 14:32	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/14/14 14:32	N2
Acetone	ug/L	ND	10.0	11/14/14 14:32	N2
Benzene	ug/L	ND	1.0	11/14/14 14:32	
Bromodichloromethane	ug/L	ND	1.0	11/14/14 14:32	
Bromoform	ug/L	ND	1.0	11/14/14 14:32	
Bromomethane	ug/L	ND	5.0	11/14/14 14:32	
Carbon tetrachloride	ug/L	ND	1.0	11/14/14 14:32	
Chloroethane	ug/L	ND	1.0	11/14/14 14:32	
Chloroform	ug/L	ND	1.0	11/14/14 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	N2
Ethylbenzene	ug/L	ND	1.0	11/14/14 14:32	
Methylene chloride	ug/L	ND	1.0	11/14/14 14:32	
Tetrachloroethene	ug/L	ND	1.0	11/14/14 14:32	
Toluene	ug/L	ND	1.0	11/14/14 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Trichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Vinyl chloride	ug/L	ND	1.0	11/14/14 14:32	
Xylene (Total)	ug/L	ND	3.0	11/14/14 14:32	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	11/14/14 14:32	
4-Bromofluorobenzene (S)	%	105	80-120	11/14/14 14:32	
Toluene-d8 (S)	%	100	80-120	11/14/14 14:32	

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.3	96	67-124	
1,2-Dichloroethane	ug/L	20	19.2	96	70-126	
1,4-Dichlorobenzene	ug/L	20	19.7	98	74-120	
2-Butanone (MEK)	ug/L	100	88.6	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.7	95	59-131	N2
Acetone	ug/L	100	85.5	86	38-134	N2
Benzene	ug/L	20	19.7	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.8	99	68-125	
Bromoform	ug/L	20	19.9	100	65-127	
Bromomethane	ug/L	20	12.2	61	13-157	
Carbon tetrachloride	ug/L	20	20.3	102	70-131	
Chloroethane	ug/L	20	23.0	115	47-133	
Chloroform	ug/L	20	18.7	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	18.6	93	64-129	
Tetrachloroethene	ug/L	20	20.5	103	73-125	
Toluene	ug/L	20	21.2	106	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	66-129	
Trichloroethene	ug/L	20	19.7	99	71-123	
Vinyl chloride	ug/L	20	16.1	80	43-129	
Xylene (Total)	ug/L	60	63.9	106	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1478787

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2090	105	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2100	105	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2000	100	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1910	95	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2280	111	33-140	
2-Butanone (MEK)	ug/L	27500	10000	36600	91	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9990	97	40-160	N2
Acetone	ug/L	58400	10000	67400	89	10-160	N2
Benzene	ug/L	ND	2000	2070	103	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2030	101	45-142	
Bromomethane	ug/L	ND	2000	1320	66	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	116	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1980	99	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1890	94	34-147	N2
Ethylbenzene	ug/L	ND	2000	2330	117	40-142	
Methylene chloride	ug/L	ND	2000	2030	101	31-144	
Tetrachloroethene	ug/L	ND	2000	2340	117	64-148	
Toluene	ug/L	ND	2000	2340	117	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2150	107	54-151	
Trichloroethene	ug/L	ND	2000	2210	110	71-149	
Vinyl chloride	ug/L	ND	2000	1840	92	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

MATRIX SPIKE SAMPLE:		1478787					
Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7050	118	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch:	OEXT/47080	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182282001		

METHOD BLANK: 1477165 Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch:	WET/51485	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182282001		

METHOD BLANK: 1476961 Matrix: Water
Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/11/14 14:39	

LABORATORY CONTROL SAMPLE: 1476962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.9	97	78-114	

MATRIX SPIKE SAMPLE: 1476963

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	132	182	365	128	78-114	M1

SAMPLE DUPLICATE: 1476964

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	346	159	74	18	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: WET/51486

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 SGT-HEM, TPH

Associated Lab Samples: 60182282001

METHOD BLANK: 1476965

Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/11/14 14:47	

LABORATORY CONTROL SAMPLE: 1476966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.3	106	64-132	

MATRIX SPIKE SAMPLE: 1476967

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	7.8	90.9	76.4	75	64-132	

SAMPLE DUPLICATE: 1476968

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	117	8.2	174	34	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch:	WET/51496	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182282001		

METHOD BLANK: 1477270 Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/12/14 12:43	

SAMPLE DUPLICATE: 1477271

Parameter	Units	60182276004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1477272

Parameter	Units	60182276010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: WET/51479 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182282001

SAMPLE DUPLICATE: 1476622

Parameter	Units	60182117001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.7	5.7	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch: WET/51462

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182282001

METHOD BLANK: 1476348

Matrix: Water

Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/15/14 09:03	

LABORATORY CONTROL SAMPLE: 1476349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1476350

Parameter	Units	60182277002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	941	898	5	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061
Pace Project No.: 60182282

QC Batch: WETA/31803 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60182282001

METHOD BLANK: 1477809 Matrix: Water
Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 11:15	

LABORATORY CONTROL SAMPLE: 1477810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477811

Parameter	Units	60181715002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1477812

Parameter	Units	60181792002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2.0	2	3.5	76	90-110	M1

SAMPLE DUPLICATE: 1477813

Parameter	Units	60181846002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	30.1	28.5	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

QC Batch:	WETA/31764	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182282001		

METHOD BLANK: 1476428 Matrix: Water
Associated Lab Samples: 60182282001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/12/14 09:03	

LABORATORY CONTROL SAMPLE: 1476429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	50.8	102	90-110	

MATRIX SPIKE SAMPLE: 1476430

Parameter	Units	60182122001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17500	12500	29900	99	90-110	

MATRIX SPIKE SAMPLE: 1476432

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28000	91	90-110	

SAMPLE DUPLICATE: 1476431

Parameter	Units	60181892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	11.2	11.5	3	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-061

Pace Project No.: 60182282

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182282001	T1-061	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182282001	T1-061	EPA 200.7	MPRP/29779	EPA 200.7	ICP/22311
60182282001	T1-061	EPA 245.1	MERP/9034	EPA 245.1	MERC/8985
60182282001	T1-061	EPA 245.1	MERP/9041	EPA 245.1	MERC/8998
60182282001	T1-061	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182282001	T1-061	EPA 624 Low	MSV/65754		
60182282002	TRIP BLANK	EPA 624 Low	MSV/65754		
60182282001	T1-061	EPA 1664A	WET/51485		
60182282001	T1-061	EPA 1664A	WET/51486		
60182282001	T1-061	SM 2540D	WET/51496		
60182282001	T1-061	SM 4500-H+B	WET/51479		
60182282001	T1-061	SM 5210B	WET/51462	SM 5210B	WET/51553
60182282001	T1-061	EPA 350.1	WETA/31803		
60182282001	T1-061	EPA 410.4	WETA/31764		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182282



60182282

Client Name: Republic - Burr Eng.

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [x] Pace [] Other [x] R

Tracking #: Pace Shipping Label Used? Yes [] No [x]

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [x] Bubble Bags [] Foam [] None [] Other []

Thermometer Used: T-230 / T-194 Type of Ice: Wet Blue None [] Samples received on ice, cooling process has begun.

Cooler Temperature:

Date and initials of person examining contents: 4/16/19 1345

Temperature should be above freezing to 6°C

Table with 17 rows and 2 columns. Row 1: Chain of Custody present: [x] Yes [] No [] N/A 1. Row 2: Chain of Custody filled out: [x] Yes [] No [] N/A 2. Row 3: Chain of Custody relinquished: [x] Yes [] No [] N/A 3. Row 4: Sampler name & signature on COC: [x] Yes [] No [] N/A 4. Row 5: Samples arrived within holding time: [x] Yes [] No [] N/A 5. Row 6: Short Hold Time analyses (<72hr): [x] Yes [] No [] N/A 6. Row 7: Rush Turn Around Time requested: [] Yes [x] No [] N/A 7. Row 8: Sufficient volume: [x] Yes [] No [] N/A 8. Row 9: Correct containers used: [x] Yes [] No [] N/A 9. Row 10: Pace containers used: [] Yes [] No [] N/A 9. Row 11: Containers intact: [x] Yes [] No [] N/A 10. Row 12: Unpreserved 5035A soils frozen w/in 48hrs? [] Yes [] No [x] N/A 11. Row 13: Filtered volume received for dissolved tests? [] Yes [] No [x] N/A 12. Row 14: Sample labels match COC: [x] Yes [] No [] N/A 13. Row 15: Includes date/time/ID/analyses Matrix: 13. Row 16: All containers needing preservation have been checked. [x] Yes [] No [] N/A 14. Row 17: All containers needing preservation are found to be in compliance with EPA recommendation. [] Yes [x] No [] N/A 14. Row 18: Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics [x] Yes [] No Initial when completed: [] Lot # of added preservative: [] Row 19: Trip Blank present: [x] Yes [] No [] N/A Row 20: Pace Trip Blank lot # (if purchased): 101314-3 15. Row 21: Headspace in VOA vials (>6mm): [] Yes [x] No [] N/A 16. Row 22: Project sampled in USDA Regulated Area: [] Yes [] No [x] N/A 17. List State: MO

Client Notification/ Resolution: Copy COC to Client? Y [] N [x] Field Data Required? Y [] N [x]

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date:

November 17, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-062
Pace Project No.: 60182283

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182283001	T1-062	Water	11/09/14 14:45	11/10/14 13:30
60182283002	TRIP BLANK	Water	11/09/14 14:45	11/10/14 13:30

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182283001	T1-062	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JML	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182283002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Sample: T1-062	Lab ID: 60182283001	Collected: 11/09/14 14:45	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	9120 ug/L		375	1	11/11/14 18:00	11/12/14 13:13	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:13	7440-36-0	
Arsenic	413 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:13	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 13:13	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:13	7440-43-9	
Chromium	126 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:13	7440-47-3	
Cobalt	27.9 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:13	7440-48-4	
Copper	85.2 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:13	7440-50-8	
Iron	351000 ug/L		250	1	11/11/14 18:00	11/12/14 13:13	7439-89-6	
Lead	49.1 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:13	7439-92-1	
Nickel	60.0 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:13	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 13:13	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 13:13	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 13:13	7440-28-0	
Zinc	2780 ug/L		250	1	11/11/14 18:00	11/12/14 13:13	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/13/14 14:45	11/14/14 11:54	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:54	7440-36-0	
Arsenic, Dissolved	245 ug/L		50.0	1	11/13/14 14:45	11/14/14 11:54	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/13/14 14:45	11/14/14 11:54	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:54	7440-43-9	
Chromium, Dissolved	68.6 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:54	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:54	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:54	7440-50-8	
Iron, Dissolved	28800 ug/L		250	1	11/13/14 14:45	11/14/14 11:54	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:54	7439-92-1	
Nickel, Dissolved	49.6 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:54	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/13/14 14:45	11/14/14 11:54	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/13/14 14:45	11/14/14 11:54	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/13/14 14:45	11/14/14 11:54	7440-28-0	
Zinc, Dissolved	360 ug/L		250	1	11/13/14 14:45	11/14/14 11:54	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	11/11/14 12:00	11/11/14 15:15	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/12/14 17:05	11/13/14 09:59	7439-97-6	M1
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 12:08	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 12:08	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2290 ug/L		2000	1	11/12/14 00:00	11/13/14 12:08		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Sample: T1-062	Lab ID: 60182283001	Collected: 11/09/14 14:45	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	87-86-5	L3
Phenol	3120 ug/L		500	1	11/12/14 00:00	11/13/14 12:08	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	108 %		33-120	1	11/12/14 00:00	11/13/14 12:08	4165-60-0	
2-Fluorobiphenyl (S)	85 %		39-120	1	11/12/14 00:00	11/13/14 12:08	321-60-8	
Terphenyl-d14 (S)	97 %		45-120	1	11/12/14 00:00	11/13/14 12:08	1718-51-0	
Phenol-d6 (S)	32 %		11-120	1	11/12/14 00:00	11/13/14 12:08	13127-88-3	
2-Fluorophenol (S)	47 %		17-120	1	11/12/14 00:00	11/13/14 12:08	367-12-4	
2,4,6-Tribromophenol (S)	104 %		39-120	1	11/12/14 00:00	11/13/14 12:08	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	66400 ug/L		1000	100		11/14/14 17:05	67-64-1	N2
Benzene	ND ug/L		100	100		11/14/14 17:05	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/14/14 17:05	75-27-4	
Bromoform	ND ug/L		100	100		11/14/14 17:05	75-25-2	
Bromomethane	ND ug/L		500	100		11/14/14 17:05	74-83-9	
2-Butanone (MEK)	33200 ug/L		1000	100		11/14/14 17:05	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/14/14 17:05	56-23-5	
Chloroethane	ND ug/L		100	100		11/14/14 17:05	75-00-3	
Chloroform	ND ug/L		100	100		11/14/14 17:05	67-66-3	
1,4-Dichlorobenzene	120 ug/L		100	100		11/14/14 17:05	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/14/14 17:05	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:05	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:05	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/14/14 17:05	100-41-4	
Methylene chloride	ND ug/L		100	100		11/14/14 17:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/14/14 17:05	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/14/14 17:05	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/14/14 17:05	127-18-4	
Toluene	ND ug/L		100	100		11/14/14 17:05	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/14/14 17:05	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/14/14 17:05	79-00-5	
Trichloroethene	ND ug/L		100	100		11/14/14 17:05	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/14/14 17:05	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/14/14 17:05	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	102 %		80-120	100		11/14/14 17:05	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/14/14 17:05	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	100		11/14/14 17:05	17060-07-0	
Preservation pH	6.0		1.0	100		11/14/14 17:05		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	346 mg/L		5.0	1		11/11/14 14:41		D6

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Sample: T1-062		Lab ID: 60182283001	Collected: 11/09/14 14:45	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	117	mg/L	5.0	1		11/11/14 14:48		D6
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	4500	mg/L	5.0	1		11/12/14 12:47		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/11/14 11:30		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	7720	mg/L	2.0	1	11/10/14 15:25	11/15/14 09:26		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	170	mg/L	5.0	50		11/13/14 11:44	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	17300	mg/L	2500	250		11/12/14 09:12		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Sample: TRIP BLANK		Lab ID: 60182283002	Collected: 11/09/14 14:45	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/14/14 16:08	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/14/14 16:08	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/14/14 16:08	75-27-4	
Bromoform	ND ug/L		1.0	1		11/14/14 16:08	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/14/14 16:08	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/14/14 16:08	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/14/14 16:08	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/14/14 16:08	75-00-3	
Chloroform	ND ug/L		1.0	1		11/14/14 16:08	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/14/14 16:08	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/14/14 16:08	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 16:08	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 16:08	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/14/14 16:08	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/14/14 16:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/14/14 16:08	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/14/14 16:08	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/14/14 16:08	127-18-4	
Toluene	ND ug/L		1.0	1		11/14/14 16:08	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/14/14 16:08	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/14/14 16:08	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/14/14 16:08	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/14/14 16:08	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/14/14 16:08	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/14/14 16:08	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/14/14 16:08	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	1		11/14/14 16:08	17060-07-0	
Preservation pH	6.0		1.0	1		11/14/14 16:08		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: MERP/9034

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182283001

METHOD BLANK: 1476541

Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/11/14 15:04	

LABORATORY CONTROL SAMPLE: 1476542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476543 1476544

Parameter	Units	60182282001		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury	ug/L	ND	150	150	92.7	93.6	62	62	70-130	1	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: MERP/9041	Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1	Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60182283001	

METHOD BLANK: 1477641 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/13/14 09:50	

LABORATORY CONTROL SAMPLE: 1477642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1477643 1477644

Parameter	Units	60182283001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	ND	Spike Conc.	Conc.	Result	Result	% Rec	% Rec						
Mercury, Dissolved	ug/L	ND	150	150	81.0	83.1	54	55	70-130	3	20	M1			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: MPRP/29738

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182283001

METHOD BLANK: 1476938

Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1476940		1476941									
Parameter	Units	60182025001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20		
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20		
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20		
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20		
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20		
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20		
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20		
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1	
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20		
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20		
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20		
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20		
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	MPRP/29779	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
Associated Lab Samples:	60182283001		

METHOD BLANK: 1478067 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/14/14 11:37	
Antimony, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Arsenic, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Beryllium, Dissolved	ug/L	ND	1.0	11/14/14 11:37	
Cadmium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Chromium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Cobalt, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Copper, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Iron, Dissolved	ug/L	ND	50.0	11/14/14 11:37	
Lead, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Nickel, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Selenium, Dissolved	ug/L	ND	15.0	11/14/14 11:37	
Silver, Dissolved	ug/L	ND	7.0	11/14/14 11:37	
Thallium, Dissolved	ug/L	ND	20.0	11/14/14 11:37	
Zinc, Dissolved	ug/L	ND	50.0	11/14/14 11:37	

LABORATORY CONTROL SAMPLE: 1478068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	942	94	85-115	
Beryllium, Dissolved	ug/L	1000	960	96	85-115	
Cadmium, Dissolved	ug/L	1000	969	97	85-115	
Chromium, Dissolved	ug/L	1000	967	97	85-115	
Cobalt, Dissolved	ug/L	1000	981	98	85-115	
Copper, Dissolved	ug/L	1000	957	96	85-115	
Iron, Dissolved	ug/L	10000	9540	95	85-115	
Lead, Dissolved	ug/L	1000	970	97	85-115	
Nickel, Dissolved	ug/L	1000	999	100	85-115	
Selenium, Dissolved	ug/L	1000	976	98	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	982	98	85-115	
Zinc, Dissolved	ug/L	1000	976	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Parameter	Units	60182282001		1478069		1478070		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Aluminum, Dissolved	ug/L	ND	50000	50000	49300	48600	99	97	70-130	1	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5060	5040	101	101	70-130	0	20			
Arsenic, Dissolved	ug/L	245	5000	5000	5280	5240	101	100	70-130	1	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	4790	4760	96	95	70-130	1	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5000	4970	100	99	70-130	1	20			
Chromium, Dissolved	ug/L	67.3	5000	5000	4950	4890	98	97	70-130	1	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	4850	4820	97	96	70-130	1	20			
Copper, Dissolved	ug/L	ND	5000	5000	4850	4790	97	96	70-130	1	20			
Iron, Dissolved	ug/L	27100	50000	50000	74800	73600	95	93	70-130	2	20			
Lead, Dissolved	ug/L	ND	5000	5000	4650	4620	93	92	70-130	1	20			
Nickel, Dissolved	ug/L	48.5	5000	5000	4940	4920	98	97	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5220	5210	104	104	70-130	0	20			
Silver, Dissolved	ug/L	ND	2500	2500	2450	2430	98	97	70-130	1	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4500	91	90	70-130	1	20			
Zinc, Dissolved	ug/L	287	5000	5000	5180	5150	98	97	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: MSV/65754 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182283001, 60182283002

METHOD BLANK: 1478785 Matrix: Water

Associated Lab Samples: 60182283001, 60182283002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/14/14 14:32	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/14/14 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	11/14/14 14:32	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/14/14 14:32	N2
Acetone	ug/L	ND	10.0	11/14/14 14:32	N2
Benzene	ug/L	ND	1.0	11/14/14 14:32	
Bromodichloromethane	ug/L	ND	1.0	11/14/14 14:32	
Bromoform	ug/L	ND	1.0	11/14/14 14:32	
Bromomethane	ug/L	ND	5.0	11/14/14 14:32	
Carbon tetrachloride	ug/L	ND	1.0	11/14/14 14:32	
Chloroethane	ug/L	ND	1.0	11/14/14 14:32	
Chloroform	ug/L	ND	1.0	11/14/14 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	N2
Ethylbenzene	ug/L	ND	1.0	11/14/14 14:32	
Methylene chloride	ug/L	ND	1.0	11/14/14 14:32	
Tetrachloroethene	ug/L	ND	1.0	11/14/14 14:32	
Toluene	ug/L	ND	1.0	11/14/14 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Trichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Vinyl chloride	ug/L	ND	1.0	11/14/14 14:32	
Xylene (Total)	ug/L	ND	3.0	11/14/14 14:32	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	11/14/14 14:32	
4-Bromofluorobenzene (S)	%	105	80-120	11/14/14 14:32	
Toluene-d8 (S)	%	100	80-120	11/14/14 14:32	

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.3	96	67-124	
1,2-Dichloroethane	ug/L	20	19.2	96	70-126	
1,4-Dichlorobenzene	ug/L	20	19.7	98	74-120	
2-Butanone (MEK)	ug/L	100	88.6	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.7	95	59-131	N2
Acetone	ug/L	100	85.5	86	38-134	N2
Benzene	ug/L	20	19.7	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.8	99	68-125	
Bromoform	ug/L	20	19.9	100	65-127	
Bromomethane	ug/L	20	12.2	61	13-157	
Carbon tetrachloride	ug/L	20	20.3	102	70-131	
Chloroethane	ug/L	20	23.0	115	47-133	
Chloroform	ug/L	20	18.7	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	18.6	93	64-129	
Tetrachloroethene	ug/L	20	20.5	103	73-125	
Toluene	ug/L	20	21.2	106	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	66-129	
Trichloroethene	ug/L	20	19.7	99	71-123	
Vinyl chloride	ug/L	20	16.1	80	43-129	
Xylene (Total)	ug/L	60	63.9	106	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1478787

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2090	105	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2100	105	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2000	100	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1910	95	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2280	111	33-140	
2-Butanone (MEK)	ug/L	27500	10000	36600	91	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9990	97	40-160	N2
Acetone	ug/L	58400	10000	67400	89	10-160	N2
Benzene	ug/L	ND	2000	2070	103	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2030	101	45-142	
Bromomethane	ug/L	ND	2000	1320	66	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	116	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1980	99	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1890	94	34-147	N2
Ethylbenzene	ug/L	ND	2000	2330	117	40-142	
Methylene chloride	ug/L	ND	2000	2030	101	31-144	
Tetrachloroethene	ug/L	ND	2000	2340	117	64-148	
Toluene	ug/L	ND	2000	2340	117	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2150	107	54-151	
Trichloroethene	ug/L	ND	2000	2210	110	71-149	
Vinyl chloride	ug/L	ND	2000	1840	92	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

MATRIX SPIKE SAMPLE:		1478787					
Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7050	118	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	OEXT/47080	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182283001		

METHOD BLANK: 1477165 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	WET/51485	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182283001		

METHOD BLANK: 1476961 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/11/14 14:39	

LABORATORY CONTROL SAMPLE: 1476962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.9	97	78-114	

MATRIX SPIKE SAMPLE: 1476963

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	132	182	365	128	78-114	M1

SAMPLE DUPLICATE: 1476964

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	346	159	74	18	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: WET/51486

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 SGT-HEM, TPH

Associated Lab Samples: 60182283001

METHOD BLANK: 1476965

Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/11/14 14:47	

LABORATORY CONTROL SAMPLE: 1476966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.3	106	64-132	

MATRIX SPIKE SAMPLE: 1476967

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	7.8	90.9	76.4	75	64-132	

SAMPLE DUPLICATE: 1476968

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	117	8.2	174	34	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	WET/51496	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182283001		

METHOD BLANK: 1477270 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/12/14 12:43	

SAMPLE DUPLICATE: 1477271

Parameter	Units	60182276004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1477272

Parameter	Units	60182276010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: WET/51479 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182283001

SAMPLE DUPLICATE: 1476622

Parameter	Units	60182117001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.7	5.7	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch: WET/51462

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182283001

METHOD BLANK: 1476348

Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/15/14 09:03	

LABORATORY CONTROL SAMPLE: 1476349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1476350

Parameter	Units	60182277002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	941	898	5	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	WETA/31803	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182283001		

METHOD BLANK: 1477809 Matrix: Water
Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 11:15	

LABORATORY CONTROL SAMPLE: 1477810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477811

Parameter	Units	60181715002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1477812

Parameter	Units	60181792002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2.0	2	3.5	76	90-110	M1

SAMPLE DUPLICATE: 1477813

Parameter	Units	60181846002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	30.1	28.5	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

QC Batch:	WETA/31764	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182283001		

METHOD BLANK: 1476428 Matrix: Water

Associated Lab Samples: 60182283001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/12/14 09:03	

LABORATORY CONTROL SAMPLE: 1476429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	50.8	102	90-110	

MATRIX SPIKE SAMPLE: 1476430

Parameter	Units	60182122001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17500	12500	29900	99	90-110	

MATRIX SPIKE SAMPLE: 1476432

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28000	91	90-110	

SAMPLE DUPLICATE: 1476431

Parameter	Units	60181892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	11.2	11.5	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-062

Pace Project No.: 60182283

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182283001	T1-062	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182283001	T1-062	EPA 200.7	MPRP/29779	EPA 200.7	ICP/22311
60182283001	T1-062	EPA 245.1	MERP/9034	EPA 245.1	MERC/8985
60182283001	T1-062	EPA 245.1	MERP/9041	EPA 245.1	MERC/8998
60182283001	T1-062	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182283001	T1-062	EPA 624 Low	MSV/65754		
60182283002	TRIP BLANK	EPA 624 Low	MSV/65754		
60182283001	T1-062	EPA 1664A	WET/51485		
60182283001	T1-062	EPA 1664A	WET/51486		
60182283001	T1-062	SM 2540D	WET/51496		
60182283001	T1-062	SM 4500-H+B	WET/51479		
60182283001	T1-062	SM 5210B	WET/51462	SM 5210B	WET/51553
60182283001	T1-062	EPA 350.1	WETA/31803		
60182283001	T1-062	EPA 410.4	WETA/31764		

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Sample Condition Upon Receipt

WO#: 60182283



60182283

Client Name: Republic - Emer Eng.

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [x] Pace [] Other [x] R

Tracking #: Pace Shipping Label Used? Yes [] No [x]

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [x] Bubble Bags [] Foam [] None [] Other []

Thermometer Used: T-239 / T-194 Type of Ice: [x] Blue None [] Samples received on ice, cooling process has begun.

Cooler Temperature: Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: [initials] 4/10/19 1345

Table with 17 rows and 3 columns: Question, Response (Yes/No/N/A), and Notes. Includes items like Chain of Custody, Short Hold Time analyses, and Project sampled in USDA Regulated Area.

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date:

BOTTLE ORDER# _____ **DATE:** _____

BOTTLE TYPE	CURRENT LOT (S)	NEW LOT NUMBERS IN INVENTORY
UNPRESERVED	UNPRESERVED	UNPRESERVED
Plastic 250cc unpre.	090814-2BXV	082514-2BXV
Plastic 500cc unpre.	081814-ANT	
Plastic 1 ltr. Unpre.	090114-2BOW	091514-2BQW
(ZINC/NOAH) (NAOH)	(ZINC/NOAH) (NAOH)	(ZINC/NOAH) (NAOH)
Plastic 250cc Zinc	070714-2AGY	082514-2BYT
250cc Naoh	051214-2AGP	063014-2AGP
NITRIC ACID	NITRIC ACID	NITRIC ACID
Plastic 250cc Nitric	090814-2AFW	
Plastic 500cc Nitric	052013-2T	072814-2AIA
Plastic 1 ltr. Nitric	040714-2AJP	
SULFURIC ACID	SULFURIC ACID	SULFURIC ACID
Plastic 250cc Sulfuric	090814-2AGK	
Plastic 500cc Sulfuric	100614-2AIK	
Amber Glass 250cc Sulfuric	082514-1BZF 081914-1HA	091514-1HA
AMBER GLASS BOTTLES	AMBER GLASS BOTTLES	AMBER GLASS BOTTLES
Amber Glass 100 ML Unpre.	072114-1FK	
Amber Glass 500cc Unpres.	081814-1BYW	
Amber Glass 1 ltr. Unpre.	092914-1IY	100614-1IY
Amber Glass 1 ltr. HCL	091514-1JG	092214-1JG
Amber Glass 1 ltr. Na2s2o3	071414-1BZJ	
FLORIDA BOTTLES	FLORIDA BOTTLES	FLORIDA BOTTLES
40mL VIAL W/EDA	FLORIDA BOTTLES	FLORIDA BOTTLES
250ML AG HAA	FLORIDA BOTTLES	FLORIDA BOTTLES
BACTERIAL CONTAINER	BACTERIAL CONTAINER	BACTERIAL CONTAINER
sterile 120ml W/Na2s2O3		
40 mL VIALS	40 mL VIALS	40mL VIAL (TRIP BLANKS)
40mL. VIAL UNPRESERVED	101314-3CAP	
40mL. VIAL W/HCL	102014-3BZM	102714-3BZM
40mL. VIAL W/TSP	081814-3BYZ	090114-BYZ
40mL VIAL UNPRESERVED W HARD CAP	041414-3BTG	
40mL. VIAL W/Na2s2O3	021014-3BRD	060314-3BRD 082514-3CAY
SOIL JARS 2oz. 4oz. 8oz.	SOIL JARS 2oz. 4oz. 8oz.	SOIL JARS 2oz. 4oz. 8oz.
Soil 2 oz.	082514-1RX	
Soil 4 oz.		0929143TE
Soil 8 oz.	080414-ITX	100614-1TX
Soil 50 mL w Green Lid	MLK27KK03	1309271
Soil Trip	072814-3AUF	090114-3AUF
BOSTON ROUNDS	BOSTON ROUNDS	BOSTON ROUNDS
Boston Round 125cc	011413-1B	
Boston Round 500cc	571978	
5035 SOIL KITS	5035 SOIL KITS	5035 SOIL KITS
TSP KIT	92914	
BISULF KIT	100214	
METH KIT		
UNPRESERVED KIT	80814	

November 17, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-063
Pace Project No.: 60182284

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182284001	T1-063	Water	11/10/14 07:49	11/10/14 13:30
60182284002	TRIP BLANK	Water	11/10/14 07:49	11/10/14 13:30

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182284001	T1-063	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JML	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182284002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Sample: T1-063	Lab ID: 60182284001	Collected: 11/10/14 07:49	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	7100 ug/L		375	1	11/11/14 18:00	11/12/14 13:15	7429-90-5	
Antimony	ND ug/L		50.0	1	11/11/14 18:00	11/12/14 13:15	7440-36-0	
Arsenic	383 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:15	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/11/14 18:00	11/12/14 13:15	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/11/14 18:00	11/12/14 13:15	7440-43-9	
Chromium	112 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:15	7440-47-3	
Cobalt	26.8 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:15	7440-48-4	
Copper	77.6 ug/L		50.0	1	11/11/14 18:00	11/12/14 13:15	7440-50-8	
Iron	304000 ug/L		250	1	11/11/14 18:00	11/12/14 13:15	7439-89-6	
Lead	31.4 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:15	7439-92-1	
Nickel	50.5 ug/L		25.0	1	11/11/14 18:00	11/12/14 13:15	7440-02-0	
Selenium	ND ug/L		75.0	1	11/11/14 18:00	11/12/14 13:15	7782-49-2	
Silver	ND ug/L		35.0	1	11/11/14 18:00	11/12/14 13:15	7440-22-4	
Thallium	ND ug/L		100	1	11/11/14 18:00	11/12/14 13:15	7440-28-0	
Zinc	2240 ug/L		250	1	11/11/14 18:00	11/12/14 13:15	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/13/14 14:45	11/14/14 11:58	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:58	7440-36-0	
Arsenic, Dissolved	252 ug/L		50.0	1	11/13/14 14:45	11/14/14 11:58	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/13/14 14:45	11/14/14 11:58	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:58	7440-43-9	
Chromium, Dissolved	73.0 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:58	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:58	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/13/14 14:45	11/14/14 11:58	7440-50-8	
Iron, Dissolved	39500 ug/L		250	1	11/13/14 14:45	11/14/14 11:58	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/13/14 14:45	11/14/14 11:58	7439-92-1	
Nickel, Dissolved	49.6 ug/L		25.0	1	11/13/14 14:45	11/14/14 11:58	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/13/14 14:45	11/14/14 11:58	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/13/14 14:45	11/14/14 11:58	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/13/14 14:45	11/14/14 11:58	7440-28-0	
Zinc, Dissolved	471 ug/L		250	1	11/13/14 14:45	11/14/14 11:58	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	11/11/14 12:00	11/11/14 15:17	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/12/14 17:05	11/13/14 10:06	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/12/14 00:00	11/13/14 12:28	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/12/14 00:00	11/13/14 12:28	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2390 ug/L		2000	1	11/12/14 00:00	11/13/14 12:28		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Sample: T1-063	Lab ID: 60182284001	Collected: 11/10/14 07:49	Received: 11/10/14 13:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	87-86-5	L3
Phenol	3130 ug/L		500	1	11/12/14 00:00	11/13/14 12:28	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/12/14 00:00	11/13/14 12:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	99 %		33-120	1	11/12/14 00:00	11/13/14 12:28	4165-60-0	
2-Fluorobiphenyl (S)	86 %		39-120	1	11/12/14 00:00	11/13/14 12:28	321-60-8	
Terphenyl-d14 (S)	99 %		45-120	1	11/12/14 00:00	11/13/14 12:28	1718-51-0	
Phenol-d6 (S)	30 %		11-120	1	11/12/14 00:00	11/13/14 12:28	13127-88-3	
2-Fluorophenol (S)	45 %		17-120	1	11/12/14 00:00	11/13/14 12:28	367-12-4	
2,4,6-Tribromophenol (S)	99 %		39-120	1	11/12/14 00:00	11/13/14 12:28	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	63700 ug/L		1000	100		11/14/14 17:19	67-64-1	N2
Benzene	ND ug/L		100	100		11/14/14 17:19	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/14/14 17:19	75-27-4	
Bromoform	ND ug/L		100	100		11/14/14 17:19	75-25-2	
Bromomethane	ND ug/L		500	100		11/14/14 17:19	74-83-9	
2-Butanone (MEK)	29900 ug/L		1000	100		11/14/14 17:19	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/14/14 17:19	56-23-5	
Chloroethane	ND ug/L		100	100		11/14/14 17:19	75-00-3	
Chloroform	ND ug/L		100	100		11/14/14 17:19	67-66-3	
1,4-Dichlorobenzene	100 ug/L		100	100		11/14/14 17:19	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/14/14 17:19	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:19	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:19	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/14/14 17:19	100-41-4	
Methylene chloride	ND ug/L		100	100		11/14/14 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/14/14 17:19	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/14/14 17:19	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/14/14 17:19	127-18-4	
Toluene	ND ug/L		100	100		11/14/14 17:19	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/14/14 17:19	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/14/14 17:19	79-00-5	
Trichloroethene	ND ug/L		100	100		11/14/14 17:19	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/14/14 17:19	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/14/14 17:19	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	100		11/14/14 17:19	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/14/14 17:19	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	100		11/14/14 17:19	17060-07-0	
Preservation pH	6.0		1.0	100		11/14/14 17:19		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	191 mg/L		5.0	1		11/11/14 14:41		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Sample: T1-063		Lab ID: 60182284001	Collected: 11/10/14 07:49	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	5.2	mg/L	5.0	1		11/11/14 14:48		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	3440	mg/L	5.0	1		11/12/14 12:48		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/11/14 11:30		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	10600	mg/L	2.0	1	11/10/14 15:27	11/15/14 09:32		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	180	mg/L	5.0	50		11/13/14 11:48	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	19100	mg/L	2500	250		11/12/14 09:12		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Sample: TRIP BLANK		Lab ID: 60182284002	Collected: 11/10/14 07:49	Received: 11/10/14 13:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/14/14 16:22	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/14/14 16:22	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/14/14 16:22	75-27-4	
Bromoform	ND ug/L		1.0	1		11/14/14 16:22	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/14/14 16:22	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/14/14 16:22	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/14/14 16:22	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/14/14 16:22	75-00-3	
Chloroform	ND ug/L		1.0	1		11/14/14 16:22	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/14/14 16:22	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/14/14 16:22	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 16:22	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 16:22	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/14/14 16:22	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/14/14 16:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/14/14 16:22	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/14/14 16:22	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/14/14 16:22	127-18-4	
Toluene	ND ug/L		1.0	1		11/14/14 16:22	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/14/14 16:22	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/14/14 16:22	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/14/14 16:22	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/14/14 16:22	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/14/14 16:22	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	103 %		80-120	1		11/14/14 16:22	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/14/14 16:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	1		11/14/14 16:22	17060-07-0	
Preservation pH	6.0		1.0	1		11/14/14 16:22		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch:	MERP/9034	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury
Associated Lab Samples:	60182284001		

METHOD BLANK: 1476541 Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/11/14 15:04	

LABORATORY CONTROL SAMPLE: 1476542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476543 1476544

Parameter	Units	60182282001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Mercury	ug/L	ND	150	150	92.7	93.6	62	62	70-130	1	20	M1			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063
Pace Project No.: 60182284

QC Batch: MERP/9041 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60182284001

METHOD BLANK: 1477641 Matrix: Water
Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/13/14 09:50	

LABORATORY CONTROL SAMPLE: 1477642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1477643 1477644

Parameter	Units	60182283001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury, Dissolved	ug/L	ND	150	150	81.0	83.1	54	55	70-130	3	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: MPRP/29738

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182284001

METHOD BLANK: 1476938

Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/12/14 12:52	
Antimony	ug/L	ND	10.0	11/12/14 12:52	
Arsenic	ug/L	ND	10.0	11/12/14 12:52	
Beryllium	ug/L	ND	1.0	11/12/14 12:52	
Cadmium	ug/L	ND	5.0	11/12/14 12:52	
Chromium	ug/L	ND	5.0	11/12/14 12:52	
Cobalt	ug/L	ND	5.0	11/12/14 12:52	
Copper	ug/L	ND	10.0	11/12/14 12:52	
Iron	ug/L	ND	50.0	11/12/14 12:52	
Lead	ug/L	ND	5.0	11/12/14 12:52	
Nickel	ug/L	ND	5.0	11/12/14 12:52	
Selenium	ug/L	ND	15.0	11/12/14 12:52	
Silver	ug/L	ND	7.0	11/12/14 12:52	
Thallium	ug/L	ND	20.0	11/12/14 12:52	
Zinc	ug/L	ND	50.0	11/12/14 12:52	

LABORATORY CONTROL SAMPLE: 1476939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9970	100	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	990	99	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	960	96	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	983	98	85-115	
Iron	ug/L	10000	9510	95	85-115	
Lead	ug/L	1000	993	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1000	100	85-115	
Silver	ug/L	500	482	96	85-115	
Thallium	ug/L	1000	1010	101	85-115	
Zinc	ug/L	1000	989	99	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1476940			1476941							
Parameter	Units	60182025001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits			
Aluminum	ug/L	5370	50000	50000	58000	59000	105	107	70-130	2	20	
Antimony	ug/L	ND	5000	5000	5360	5470	107	109	70-130	2	20	
Arsenic	ug/L	351	5000	5000	5900	5960	111	112	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	4890	4920	98	98	70-130	1	20	
Cadmium	ug/L	ND	5000	5000	5270	5310	105	106	70-130	1	20	
Chromium	ug/L	103	5000	5000	4760	4770	93	93	70-130	0	20	
Cobalt	ug/L	ND	5000	5000	5040	5050	100	101	70-130	0	20	
Copper	ug/L	ND	5000	5000	5220	5310	104	106	70-130	2	20	
Iron	ug/L	293000	50000	50000	348000	362000	111	138	70-130	4	20	M1
Lead	ug/L	34.6	5000	5000	4710	4720	93	94	70-130	0	20	
Nickel	ug/L	41.8	5000	5000	4890	4900	97	97	70-130	0	20	
Selenium	ug/L	ND	5000	5000	5680	5740	114	115	70-130	1	20	
Silver	ug/L	ND	2500	2500	2520	2580	100	103	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4450	4430	89	89	70-130	0	20	
Zinc	ug/L	2180	5000	5000	6960	7000	96	96	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: MPRP/29779

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182284001

METHOD BLANK: 1478067

Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/14/14 11:37	
Antimony, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Arsenic, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Beryllium, Dissolved	ug/L	ND	1.0	11/14/14 11:37	
Cadmium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Chromium, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Cobalt, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Copper, Dissolved	ug/L	ND	10.0	11/14/14 11:37	
Iron, Dissolved	ug/L	ND	50.0	11/14/14 11:37	
Lead, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Nickel, Dissolved	ug/L	ND	5.0	11/14/14 11:37	
Selenium, Dissolved	ug/L	ND	15.0	11/14/14 11:37	
Silver, Dissolved	ug/L	ND	7.0	11/14/14 11:37	
Thallium, Dissolved	ug/L	ND	20.0	11/14/14 11:37	
Zinc, Dissolved	ug/L	ND	50.0	11/14/14 11:37	

LABORATORY CONTROL SAMPLE: 1478068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	974	97	85-115	
Arsenic, Dissolved	ug/L	1000	942	94	85-115	
Beryllium, Dissolved	ug/L	1000	960	96	85-115	
Cadmium, Dissolved	ug/L	1000	969	97	85-115	
Chromium, Dissolved	ug/L	1000	967	97	85-115	
Cobalt, Dissolved	ug/L	1000	981	98	85-115	
Copper, Dissolved	ug/L	1000	957	96	85-115	
Iron, Dissolved	ug/L	10000	9540	95	85-115	
Lead, Dissolved	ug/L	1000	970	97	85-115	
Nickel, Dissolved	ug/L	1000	999	100	85-115	
Selenium, Dissolved	ug/L	1000	976	98	85-115	
Silver, Dissolved	ug/L	500	469	94	85-115	
Thallium, Dissolved	ug/L	1000	982	98	85-115	
Zinc, Dissolved	ug/L	1000	976	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Parameter	Units	60182282001		1478069		1478070		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Aluminum, Dissolved	ug/L	ND	50000	50000	49300	48600	99	97	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5060	5040	101	101	70-130	0	20		
Arsenic, Dissolved	ug/L	245	5000	5000	5280	5240	101	100	70-130	1	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	4790	4760	96	95	70-130	1	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5000	4970	100	99	70-130	1	20		
Chromium, Dissolved	ug/L	67.3	5000	5000	4950	4890	98	97	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4850	4820	97	96	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	4850	4790	97	96	70-130	1	20		
Iron, Dissolved	ug/L	27100	50000	50000	74800	73600	95	93	70-130	2	20		
Lead, Dissolved	ug/L	ND	5000	5000	4650	4620	93	92	70-130	1	20		
Nickel, Dissolved	ug/L	48.5	5000	5000	4940	4920	98	97	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5220	5210	104	104	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2450	2430	98	97	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4530	4500	91	90	70-130	1	20		
Zinc, Dissolved	ug/L	287	5000	5000	5180	5150	98	97	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: MSV/65754 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182284001, 60182284002

METHOD BLANK: 1478785 Matrix: Water

Associated Lab Samples: 60182284001, 60182284002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/14/14 14:32	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/14/14 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	11/14/14 14:32	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/14/14 14:32	N2
Acetone	ug/L	ND	10.0	11/14/14 14:32	N2
Benzene	ug/L	ND	1.0	11/14/14 14:32	
Bromodichloromethane	ug/L	ND	1.0	11/14/14 14:32	
Bromoform	ug/L	ND	1.0	11/14/14 14:32	
Bromomethane	ug/L	ND	5.0	11/14/14 14:32	
Carbon tetrachloride	ug/L	ND	1.0	11/14/14 14:32	
Chloroethane	ug/L	ND	1.0	11/14/14 14:32	
Chloroform	ug/L	ND	1.0	11/14/14 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	N2
Ethylbenzene	ug/L	ND	1.0	11/14/14 14:32	
Methylene chloride	ug/L	ND	1.0	11/14/14 14:32	
Tetrachloroethene	ug/L	ND	1.0	11/14/14 14:32	
Toluene	ug/L	ND	1.0	11/14/14 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Trichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Vinyl chloride	ug/L	ND	1.0	11/14/14 14:32	
Xylene (Total)	ug/L	ND	3.0	11/14/14 14:32	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	11/14/14 14:32	
4-Bromofluorobenzene (S)	%	105	80-120	11/14/14 14:32	
Toluene-d8 (S)	%	100	80-120	11/14/14 14:32	

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.3	96	67-124	
1,2-Dichloroethane	ug/L	20	19.2	96	70-126	
1,4-Dichlorobenzene	ug/L	20	19.7	98	74-120	
2-Butanone (MEK)	ug/L	100	88.6	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.7	95	59-131	N2
Acetone	ug/L	100	85.5	86	38-134	N2
Benzene	ug/L	20	19.7	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.8	99	68-125	
Bromoform	ug/L	20	19.9	100	65-127	
Bromomethane	ug/L	20	12.2	61	13-157	
Carbon tetrachloride	ug/L	20	20.3	102	70-131	
Chloroethane	ug/L	20	23.0	115	47-133	
Chloroform	ug/L	20	18.7	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	18.6	93	64-129	
Tetrachloroethene	ug/L	20	20.5	103	73-125	
Toluene	ug/L	20	21.2	106	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	66-129	
Trichloroethene	ug/L	20	19.7	99	71-123	
Vinyl chloride	ug/L	20	16.1	80	43-129	
Xylene (Total)	ug/L	60	63.9	106	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1478787

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2090	105	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2100	105	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2000	100	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1910	95	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2280	111	33-140	
2-Butanone (MEK)	ug/L	27500	10000	36600	91	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9990	97	40-160	N2
Acetone	ug/L	58400	10000	67400	89	10-160	N2
Benzene	ug/L	ND	2000	2070	103	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2030	101	45-142	
Bromomethane	ug/L	ND	2000	1320	66	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	116	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1980	99	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1890	94	34-147	N2
Ethylbenzene	ug/L	ND	2000	2330	117	40-142	
Methylene chloride	ug/L	ND	2000	2030	101	31-144	
Tetrachloroethene	ug/L	ND	2000	2340	117	64-148	
Toluene	ug/L	ND	2000	2340	117	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2150	107	54-151	
Trichloroethene	ug/L	ND	2000	2210	110	71-149	
Vinyl chloride	ug/L	ND	2000	1840	92	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

MATRIX SPIKE SAMPLE:		1478787					
Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7050	118	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch:	OEXT/47080	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182284001		

METHOD BLANK: 1477165 Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/13/14 09:44	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/13/14 09:44	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/13/14 09:44	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/13/14 09:44	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/13/14 09:44	
Hexachloroethane	ug/L	ND	5.0	11/13/14 09:44	
Naphthalene	ug/L	ND	5.0	11/13/14 09:44	
Nitrobenzene	ug/L	ND	5.0	11/13/14 09:44	
Pentachlorophenol	ug/L	ND	5.0	11/13/14 09:44	
Phenol	ug/L	ND	5.0	11/13/14 09:44	
2,4,6-Tribromophenol (S)	%	94	39-120	11/13/14 09:44	
2-Fluorobiphenyl (S)	%	89	39-120	11/13/14 09:44	
2-Fluorophenol (S)	%	50	17-120	11/13/14 09:44	
Nitrobenzene-d5 (S)	%	84	33-120	11/13/14 09:44	
Phenol-d6 (S)	%	31	11-120	11/13/14 09:44	
Terphenyl-d14 (S)	%	97	45-120	11/13/14 09:44	

LABORATORY CONTROL SAMPLE: 1477166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	46-120	
2,4,6-Trichlorophenol	ug/L	50	51.5	103	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.6	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.9	110	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.9	88	44-116	
Hexachlorocyclopentadiene	ug/L	100	49.7	50	24-120	
Hexachloroethane	ug/L	50	42.0	84	43-113	
Naphthalene	ug/L	50	44.7	89	48-120	
Nitrobenzene	ug/L	50	43.8	88	48-120	
Pentachlorophenol	ug/L	50	62.3	125	47-120	L0
Phenol	ug/L	50	20.5	41	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

MATRIX SPIKE SAMPLE:		1477167					
Parameter	Units	60182025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4650	93	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	5500	110	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4400	88	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	2300	5000	6330	81	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	6050	121	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4430	89	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	5540	55	11-120	
Hexachloroethane	ug/L	ND	5000	4160	83	40-113	
Naphthalene	ug/L	ND	5000	4670	89	45-120	
Nitrobenzene	ug/L	ND	5000	5150	103	38-120	
Pentachlorophenol	ug/L	ND	5000	6990	140	43-135	M0
Phenol	ug/L	3170	5000	5520	47	13-112	
2,4,6-Tribromophenol (S)	%				108	39-120	
2-Fluorobiphenyl (S)	%				92	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				111	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				112	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch:	WET/51485	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182284001		

METHOD BLANK: 1476961 Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/11/14 14:39	

LABORATORY CONTROL SAMPLE: 1476962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.9	97	78-114	

MATRIX SPIKE SAMPLE: 1476963

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	132	182	365	128	78-114	M1

SAMPLE DUPLICATE: 1476964

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	346	159	74	18	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: WET/51486

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 SGT-HEM, TPH

Associated Lab Samples: 60182284001

METHOD BLANK: 1476965

Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/11/14 14:47	

LABORATORY CONTROL SAMPLE: 1476966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	21.3	106	64-132	

MATRIX SPIKE SAMPLE: 1476967

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	7.8	90.9	76.4	75	64-132	

SAMPLE DUPLICATE: 1476968

Parameter	Units	60182283001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	117	8.2	174	34	D6

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: WET/51497

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182284001

METHOD BLANK: 1477273

Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/12/14 12:47	

SAMPLE DUPLICATE: 1477274

Parameter	Units	60182321002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10	10	0	10	

SAMPLE DUPLICATE: 1477275

Parameter	Units	60182321007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	78.0	71.0	9	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: WET/51479 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182284001

SAMPLE DUPLICATE: 1476622

Parameter	Units	60182117001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.7	5.7	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch: WET/51462

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182284001

METHOD BLANK: 1476348

Matrix: Water

Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/15/14 09:03	

LABORATORY CONTROL SAMPLE: 1476349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1476350

Parameter	Units	60182277002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	941	898	5	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch:	WETA/31803	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182284001		

METHOD BLANK: 1477809 Matrix: Water
Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 11:15	

LABORATORY CONTROL SAMPLE: 1477810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477811

Parameter	Units	60181715002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1477812

Parameter	Units	60181792002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2.0	2	3.5	76	90-110	M1

SAMPLE DUPLICATE: 1477813

Parameter	Units	60181846002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	30.1	28.5	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

QC Batch:	WETA/31764	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182284001		

METHOD BLANK: 1476428 Matrix: Water
Associated Lab Samples: 60182284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/12/14 09:03	

LABORATORY CONTROL SAMPLE: 1476429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	50.8	102	90-110	

MATRIX SPIKE SAMPLE: 1476430

Parameter	Units	60182122001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17500	12500	29900	99	90-110	

MATRIX SPIKE SAMPLE: 1476432

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28000	91	90-110	

SAMPLE DUPLICATE: 1476431

Parameter	Units	60181892001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	11.2	11.5	3	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-063

Pace Project No.: 60182284

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182284001	T1-063	EPA 200.7	MPRP/29738	EPA 200.7	ICP/22291
60182284001	T1-063	EPA 200.7	MPRP/29779	EPA 200.7	ICP/22311
60182284001	T1-063	EPA 245.1	MERP/9034	EPA 245.1	MERC/8985
60182284001	T1-063	EPA 245.1	MERP/9041	EPA 245.1	MERC/8998
60182284001	T1-063	EPA 625	OEXT/47080	EPA 625	MSSV/15166
60182284001	T1-063	EPA 624 Low	MSV/65754		
60182284002	TRIP BLANK	EPA 624 Low	MSV/65754		
60182284001	T1-063	EPA 1664A	WET/51485		
60182284001	T1-063	EPA 1664A	WET/51486		
60182284001	T1-063	SM 2540D	WET/51497		
60182284001	T1-063	SM 4500-H+B	WET/51479		
60182284001	T1-063	SM 5210B	WET/51462	SM 5210B	WET/51553
60182284001	T1-063	EPA 350.1	WETA/31803		
60182284001	T1-063	EPA 410.4	WETA/31764		

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Sample Condition Upon Receipt

WO#: 60182284



60182284

Client Name: Republic - Burr Co.

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [x] Pace [] Other [x] R

Tracking #: Pace Shipping Label Used? Yes [] No [x]

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [x] Bubble Bags [] Foam [] None [] Other []

Thermometer Used: T-230 / T-194 Type of Ice: Wet Blue None [] Samples received on ice, cooling process has begun.

Cooler Temperature:

Temperature should be above freezing to 6°C

Date and initials of person examining contents: [Signature] 12/19/19 1345

Table with 17 rows of inspection items and checkboxes. Includes items like 'Chain of Custody present', 'Short Hold Time analyses (<72hr):', 'Rush Turn Around Time requested:', 'All containers needing preservation have been checked.', 'Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics', 'Trip Blank present:', 'Pace Trip Blank lot # (if purchased): 101314-3', 'Headspace in VOA vials (>6mm):', 'Project sampled in USDA Regulated Area:'. Includes handwritten notes like 'BOD, MT' and 'BPN + EPS not able to be preserved.'.

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: [Signature] Date: [Signature]

November 19, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-064
Pace Project No.: 60182390

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182390001	T1-064	Water	11/11/14 08:30	11/12/14 01:15
60182390002	TRIP BLANK	Water		11/12/14 01:15

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182390001	T1-064	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
60182390002	TRIP BLANK	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Sample: T1-064	Lab ID: 60182390001	Collected: 11/11/14 08:30	Received: 11/12/14 01:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total								
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	6100	ug/L	375	1	11/15/14 15:42	11/17/14 17:12	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/15/14 15:42	11/17/14 17:12	7440-36-0	
Arsenic	362	ug/L	50.0	1	11/15/14 15:42	11/17/14 17:12	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/15/14 15:42	11/17/14 17:12	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/15/14 15:42	11/17/14 17:12	7440-43-9	
Chromium	120	ug/L	25.0	1	11/15/14 15:42	11/17/14 17:12	7440-47-3	
Cobalt	ND	ug/L	25.0	1	11/15/14 15:42	11/17/14 17:12	7440-48-4	
Copper	61.0	ug/L	50.0	1	11/15/14 15:42	11/17/14 17:12	7440-50-8	
Iron	32000	ug/L	250	1	11/15/14 15:42	11/17/14 17:12	7439-89-6	
Lead	43.9	ug/L	25.0	1	11/15/14 15:42	11/17/14 17:12	7439-92-1	
Nickel	60.2	ug/L	25.0	1	11/15/14 15:42	11/17/14 17:12	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/15/14 15:42	11/17/14 17:12	7782-49-2	
Silver	ND	ug/L	35.0	1	11/15/14 15:42	11/17/14 17:12	7440-22-4	
Thallium	ND	ug/L	100	1	11/15/14 15:42	11/17/14 17:12	7440-28-0	
Zinc	2310	ug/L	250	1	11/15/14 15:42	11/17/14 17:12	7440-66-6	
200.7 Metals, Dissolved (LF)								
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	ND	ug/L	375	1	11/18/14 16:45	11/19/14 13:38	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:38	7440-36-0	
Arsenic, Dissolved	226	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:38	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/18/14 16:45	11/19/14 13:38	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:38	7440-43-9	
Chromium, Dissolved	62.6	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:38	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:38	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:38	7440-50-8	
Iron, Dissolved	55800	ug/L	250	1	11/18/14 16:45	11/19/14 13:38	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:38	7439-92-1	
Nickel, Dissolved	47.5	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:38	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/18/14 16:45	11/19/14 13:38	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/18/14 16:45	11/19/14 13:38	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/18/14 16:45	11/19/14 13:38	7440-28-0	
Zinc, Dissolved	814	ug/L	250	1	11/18/14 16:45	11/19/14 13:38	7440-66-6	
245.1 Mercury								
Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	7.4	ug/L	6.0	1	11/13/14 11:30	11/13/14 15:49	7439-97-6	M1
245.1 Mercury, Dissolved (LF)								
Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND	ug/L	6.0	1	11/18/14 16:25	11/19/14 10:22	7439-97-6	M1,R1
625 MSSV								
Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/13/14 00:00	11/14/14 10:51	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/13/14 00:00	11/14/14 10:51	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/13/14 00:00	11/14/14 10:51	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/13/14 00:00	11/14/14 10:51	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/13/14 00:00	11/14/14 10:51	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2340	ug/L	2000	1	11/13/14 00:00	11/14/14 10:51		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Sample: T1-064 **Lab ID: 60182390001** Collected: 11/11/14 08:30 Received: 11/12/14 01:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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625 MSSV

Analytical Method: EPA 625 Preparation Method: EPA 625

Naphthalene	ND ug/L		500	1	11/13/14 00:00	11/14/14 10:51	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/13/14 00:00	11/14/14 10:51	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/13/14 00:00	11/14/14 10:51	87-86-5	
Phenol	2970 ug/L		500	1	11/13/14 00:00	11/14/14 10:51	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/13/14 00:00	11/14/14 10:51	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/13/14 00:00	11/14/14 10:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	114 %		33-120	1	11/13/14 00:00	11/14/14 10:51	4165-60-0	
2-Fluorobiphenyl (S)	102 %		39-120	1	11/13/14 00:00	11/14/14 10:51	321-60-8	
Terphenyl-d14 (S)	135 %		45-120	1	11/13/14 00:00	11/14/14 10:51	1718-51-0	S0
Phenol-d6 (S)	29 %		11-120	1	11/13/14 00:00	11/14/14 10:51	13127-88-3	
2-Fluorophenol (S)	42 %		17-120	1	11/13/14 00:00	11/14/14 10:51	367-12-4	
2,4,6-Tribromophenol (S)	121 %		39-120	1	11/13/14 00:00	11/14/14 10:51	118-79-6	S0

624 Volatile Organics

Analytical Method: EPA 624 Low

Acetone	66000 ug/L		1000	100		11/14/14 17:33	67-64-1	N2
Benzene	ND ug/L		100	100		11/14/14 17:33	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/14/14 17:33	75-27-4	
Bromoform	ND ug/L		100	100		11/14/14 17:33	75-25-2	
Bromomethane	ND ug/L		500	100		11/14/14 17:33	74-83-9	
2-Butanone (MEK)	30800 ug/L		1000	100		11/14/14 17:33	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/14/14 17:33	56-23-5	
Chloroethane	ND ug/L		100	100		11/14/14 17:33	75-00-3	
Chloroform	ND ug/L		100	100		11/14/14 17:33	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/14/14 17:33	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/14/14 17:33	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:33	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:33	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/14/14 17:33	100-41-4	
Methylene chloride	ND ug/L		100	100		11/14/14 17:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/14/14 17:33	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/14/14 17:33	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/14/14 17:33	127-18-4	
Toluene	ND ug/L		100	100		11/14/14 17:33	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/14/14 17:33	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/14/14 17:33	79-00-5	
Trichloroethene	ND ug/L		100	100		11/14/14 17:33	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/14/14 17:33	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/14/14 17:33	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	103 %		80-120	100		11/14/14 17:33	460-00-4	
Toluene-d8 (S)	102 %		80-120	100		11/14/14 17:33	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	100		11/14/14 17:33	17060-07-0	
Preservation pH	6.0			100		11/14/14 17:33		

HEM, Oil and Grease

Analytical Method: EPA 1664A

Oil and Grease	181 mg/L		5.0	1		11/13/14 12:13		
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Sample: T1-064		Lab ID: 60182390001	Collected: 11/11/14 08:30	Received: 11/12/14 01:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	8.0	mg/L	5.0	1		11/13/14 15:23		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	4900	mg/L	5.0	1		11/14/14 13:46		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/17/14 09:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	6040	mg/L	2.0	1	11/12/14 20:22	11/17/14 12:13		L2
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	172	mg/L	5.0	50		11/13/14 11:49	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	18200	mg/L	2500	250		11/14/14 07:50		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Sample: TRIP BLANK		Lab ID: 60182390002	Collected:	Received: 11/12/14 01:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/14/14 18:15	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/14/14 18:15	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/14/14 18:15	75-27-4	
Bromoform	ND ug/L		1.0	1		11/14/14 18:15	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/14/14 18:15	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/14/14 18:15	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/14/14 18:15	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/14/14 18:15	75-00-3	
Chloroform	ND ug/L		1.0	1		11/14/14 18:15	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/14/14 18:15	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/14/14 18:15	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 18:15	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 18:15	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/14/14 18:15	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/14/14 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/14/14 18:15	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/14/14 18:15	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/14/14 18:15	127-18-4	
Toluene	ND ug/L		1.0	1		11/14/14 18:15	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/14/14 18:15	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/14/14 18:15	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/14/14 18:15	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/14/14 18:15	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/14/14 18:15	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/14/14 18:15	460-00-4	
Toluene-d8 (S)	104 %		80-120	1		11/14/14 18:15	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		11/14/14 18:15	17060-07-0	
Preservation pH	6.0		1.0	1		11/14/14 18:15		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: MERP/9046 Analysis Method: EPA 245.1
 QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
 Associated Lab Samples: 60182390001

METHOD BLANK: 1477922 Matrix: Water
 Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/13/14 15:20	

LABORATORY CONTROL SAMPLE: 1477923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	92	85-115	

MATRIX SPIKE SAMPLE: 1477924

Parameter	Units	60181994002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	4.9	96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1477925 1477926

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	7.4	150	150	108	101	67	62	70-130	7	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: MERP/9062

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182390001

METHOD BLANK: 1480694

Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: MPRP/29813

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182390001

METHOD BLANK: 1479621

Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/17/14 17:10	
Antimony	ug/L	ND	10.0	11/17/14 17:10	
Arsenic	ug/L	ND	10.0	11/17/14 17:10	
Beryllium	ug/L	ND	1.0	11/17/14 17:10	
Cadmium	ug/L	ND	5.0	11/17/14 17:10	
Chromium	ug/L	ND	5.0	11/17/14 17:10	
Cobalt	ug/L	ND	5.0	11/17/14 17:10	
Copper	ug/L	ND	10.0	11/17/14 17:10	
Iron	ug/L	ND	50.0	11/17/14 17:10	
Lead	ug/L	ND	5.0	11/17/14 17:10	
Nickel	ug/L	ND	5.0	11/17/14 17:10	
Selenium	ug/L	ND	15.0	11/17/14 17:10	
Silver	ug/L	ND	7.0	11/17/14 17:10	
Thallium	ug/L	ND	20.0	11/17/14 17:10	
Zinc	ug/L	ND	50.0	11/17/14 17:10	

LABORATORY CONTROL SAMPLE: 1479622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9890	99	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1000	100	85-115	
Cadmium	ug/L	1000	1010	101	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1000	100	85-115	
Iron	ug/L	10000	9790	98	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1010	101	85-115	
Silver	ug/L	500	496	99	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1479623			1479624								
Parameter	Units	60182390001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Aluminum	ug/L	6100	50000	50000	61500	62300	111	112	70-130	1	20
Antimony	ug/L	ND	5000	5000	5560	5370	111	107	70-130	3	20
Arsenic	ug/L	362	5000	5000	5920	5740	111	108	70-130	3	20
Beryllium	ug/L	ND	5000	5000	4950	5060	99	101	70-130	2	20
Cadmium	ug/L	ND	5000	5000	5420	5300	108	106	70-130	2	20
Chromium	ug/L	120	5000	5000	5080	5060	99	99	70-130	0	20
Cobalt	ug/L	ND	5000	5000	5040	5060	100	101	70-130	1	20
Copper	ug/L	61.0	5000	5000	5540	5360	109	106	70-130	3	20
Iron	ug/L	320000	50000	50000	371000	380000	101	119	70-130	2	20
Lead	ug/L	43.9	5000	5000	4950	4900	98	97	70-130	1	20
Nickel	ug/L	60.2	5000	5000	5080	5040	100	100	70-130	1	20
Selenium	ug/L	ND	5000	5000	5770	5550	115	111	70-130	4	20
Silver	ug/L	ND	2500	2500	2650	2610	106	104	70-130	2	20
Thallium	ug/L	ND	5000	5000	4560	4540	91	91	70-130	0	20
Zinc	ug/L	2310	5000	5000	7080	7240	95	99	70-130	2	20

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182390001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480777		1480778		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: MSV/65754 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182390001, 60182390002

METHOD BLANK: 1478785 Matrix: Water

Associated Lab Samples: 60182390001, 60182390002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/14/14 14:32	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/14/14 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	11/14/14 14:32	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/14/14 14:32	N2
Acetone	ug/L	ND	10.0	11/14/14 14:32	N2
Benzene	ug/L	ND	1.0	11/14/14 14:32	
Bromodichloromethane	ug/L	ND	1.0	11/14/14 14:32	
Bromoform	ug/L	ND	1.0	11/14/14 14:32	
Bromomethane	ug/L	ND	5.0	11/14/14 14:32	
Carbon tetrachloride	ug/L	ND	1.0	11/14/14 14:32	
Chloroethane	ug/L	ND	1.0	11/14/14 14:32	
Chloroform	ug/L	ND	1.0	11/14/14 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	N2
Ethylbenzene	ug/L	ND	1.0	11/14/14 14:32	
Methylene chloride	ug/L	ND	1.0	11/14/14 14:32	
Tetrachloroethene	ug/L	ND	1.0	11/14/14 14:32	
Toluene	ug/L	ND	1.0	11/14/14 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Trichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Vinyl chloride	ug/L	ND	1.0	11/14/14 14:32	
Xylene (Total)	ug/L	ND	3.0	11/14/14 14:32	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	11/14/14 14:32	
4-Bromofluorobenzene (S)	%	105	80-120	11/14/14 14:32	
Toluene-d8 (S)	%	100	80-120	11/14/14 14:32	

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.3	96	67-124	
1,2-Dichloroethane	ug/L	20	19.2	96	70-126	
1,4-Dichlorobenzene	ug/L	20	19.7	98	74-120	
2-Butanone (MEK)	ug/L	100	88.6	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.7	95	59-131	N2
Acetone	ug/L	100	85.5	86	38-134	N2
Benzene	ug/L	20	19.7	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.8	99	68-125	
Bromoform	ug/L	20	19.9	100	65-127	
Bromomethane	ug/L	20	12.2	61	13-157	
Carbon tetrachloride	ug/L	20	20.3	102	70-131	
Chloroethane	ug/L	20	23.0	115	47-133	
Chloroform	ug/L	20	18.7	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	18.6	93	64-129	
Tetrachloroethene	ug/L	20	20.5	103	73-125	
Toluene	ug/L	20	21.2	106	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	66-129	
Trichloroethene	ug/L	20	19.7	99	71-123	
Vinyl chloride	ug/L	20	16.1	80	43-129	
Xylene (Total)	ug/L	60	63.9	106	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1478787

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2090	105	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2100	105	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2000	100	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1910	95	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2280	111	33-140	
2-Butanone (MEK)	ug/L	27500	10000	36600	91	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9990	97	40-160	N2
Acetone	ug/L	58400	10000	67400	89	10-160	N2
Benzene	ug/L	ND	2000	2070	103	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2030	101	45-142	
Bromomethane	ug/L	ND	2000	1320	66	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	116	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1980	99	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1890	94	34-147	N2
Ethylbenzene	ug/L	ND	2000	2330	117	40-142	
Methylene chloride	ug/L	ND	2000	2030	101	31-144	
Tetrachloroethene	ug/L	ND	2000	2340	117	64-148	
Toluene	ug/L	ND	2000	2340	117	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2150	107	54-151	
Trichloroethene	ug/L	ND	2000	2210	110	71-149	
Vinyl chloride	ug/L	ND	2000	1840	92	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

MATRIX SPIKE SAMPLE:		1478787					
Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7050	118	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch:	OEXT/47109	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182390001		

METHOD BLANK: 1478200 Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/14/14 09:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/14/14 09:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/14/14 09:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/14/14 09:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/14/14 09:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/14/14 09:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/14/14 09:49	
Hexachloroethane	ug/L	ND	5.0	11/14/14 09:49	
Naphthalene	ug/L	ND	5.0	11/14/14 09:49	
Nitrobenzene	ug/L	ND	5.0	11/14/14 09:49	
Pentachlorophenol	ug/L	ND	5.0	11/14/14 09:49	
Phenol	ug/L	ND	5.0	11/14/14 09:49	
2,4,6-Tribromophenol (S)	%	95	39-120	11/14/14 09:49	
2-Fluorobiphenyl (S)	%	81	39-120	11/14/14 09:49	
2-Fluorophenol (S)	%	44	17-120	11/14/14 09:49	
Nitrobenzene-d5 (S)	%	73	33-120	11/14/14 09:49	
Phenol-d6 (S)	%	28	11-120	11/14/14 09:49	
Terphenyl-d14 (S)	%	95	45-120	11/14/14 09:49	

LABORATORY CONTROL SAMPLE: 1478201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.4	83	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.9	96	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.2	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.1	70	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	51.4	103	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	44-116	
Hexachlorocyclopentadiene	ug/L	100	50.7	51	24-120	
Hexachloroethane	ug/L	50	38.4	77	43-113	
Naphthalene	ug/L	50	40.4	81	48-120	
Nitrobenzene	ug/L	50	38.0	76	48-120	
Pentachlorophenol	ug/L	50	56.8	114	47-120	
Phenol	ug/L	50	18.2	36	16-112	
2,4,6-Tribromophenol (S)	%			104	39-120	
2-Fluorobiphenyl (S)	%			89	39-120	
2-Fluorophenol (S)	%			48	17-120	
Nitrobenzene-d5 (S)	%			82	33-120	
Phenol-d6 (S)	%			32	11-120	
Terphenyl-d14 (S)	%			100	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch:	WET/51522	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182390001		

METHOD BLANK: 1478127 Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/13/14 12:12	

LABORATORY CONTROL SAMPLE: 1478128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.7	99	78-114	

MATRIX SPIKE SAMPLE: 1478130

Parameter	Units	60182399001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	72.8	41.2	44.6	-68	78-114	1e,M1

SAMPLE DUPLICATE: 1478129

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	181	189	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch:	WET/51523	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60182390001		

METHOD BLANK: 1478131 Matrix: Water
Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/13/14 15:23	

LABORATORY CONTROL SAMPLE: 1478132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	22.0	110	64-132	

MATRIX SPIKE SAMPLE: 1478134

Parameter	Units	60182399001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	9.2	20.6	19.0	47	64-132	M1

SAMPLE DUPLICATE: 1478133

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	8.0	9.6	18	34	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: WET/51536

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182390001

METHOD BLANK: 1478771

Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/14/14 13:41	

SAMPLE DUPLICATE: 1478772

Parameter	Units	60182447001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	78.0	81.0	4	10	

SAMPLE DUPLICATE: 1478773

Parameter	Units	60182376002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	26.0	26.0	0	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: WET/51562 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182390001

SAMPLE DUPLICATE: 1480141

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch: WET/51511

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182390001

METHOD BLANK: 1477749

Matrix: Water

Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/17/14 11:55	

LABORATORY CONTROL SAMPLE: 1477750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	144	73	85-115	L0

SAMPLE DUPLICATE: 1477751

Parameter	Units	60182404001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	412	422	2	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch:	WETA/31803	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182390001		

METHOD BLANK: 1477809 Matrix: Water
Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/13/14 11:15	

LABORATORY CONTROL SAMPLE: 1477810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	100	90-110	

MATRIX SPIKE SAMPLE: 1477811

Parameter	Units	60181715002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1477812

Parameter	Units	60181792002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2.0	2	3.5	76	90-110	M1

SAMPLE DUPLICATE: 1477813

Parameter	Units	60181846002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	30.1	28.5	6	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

QC Batch:	WETA/31812	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182390001		

METHOD BLANK: 1478364 Matrix: Water
Associated Lab Samples: 60182390001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/14/14 07:38	

LABORATORY CONTROL SAMPLE: 1478365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	46.6	93	90-110	

MATRIX SPIKE SAMPLE: 1478366

Parameter	Units	60182469001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	ND	50	57.0	94	90-110	

MATRIX SPIKE SAMPLE: 1478368

Parameter	Units	60182020001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	171	250	407	94	90-110	

SAMPLE DUPLICATE: 1478367

Parameter	Units	60182005002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	5240	5270	0	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: OEXT/47109

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1e Analyst noted that the containers used were visually different.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-064

Pace Project No.: 60182390

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182390001	T1-064	EPA 200.7	MPRP/29813	EPA 200.7	ICP/22331
60182390001	T1-064	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182390001	T1-064	EPA 245.1	MERP/9046	EPA 245.1	MERC/8999
60182390001	T1-064	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182390001	T1-064	EPA 625	OEXT/47109	EPA 625	MSSV/15174
60182390001	T1-064	EPA 624 Low	MSV/65754		
60182390002	TRIP BLANK	EPA 624 Low	MSV/65754		
60182390001	T1-064	EPA 1664A	WET/51522		
60182390001	T1-064	EPA 1664A	WET/51523		
60182390001	T1-064	SM 2540D	WET/51536		
60182390001	T1-064	SM 4500-H+B	WET/51562		
60182390001	T1-064	SM 5210B	WET/51511	SM 5210B	WET/51567
60182390001	T1-064	EPA 350.1	WETA/31803		
60182390001	T1-064	EPA 410.4	WETA/31812		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182390



60182390

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other XR

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun (circle one)

Cooler Temperature: 1, 2

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: RSB 11/12/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>pH ROP</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs? <u>RSB</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Includes date/time/ID/analyses <u>Y</u> Matrix: <u>water</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: <u>VOA</u> coliform, TOC, O&G, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed
Pace Trip Blank lot # (if purchased): <u>Coured</u>		Lot # of added preservative
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Client Notification/ Resolution:	Copy COC to Client? <u>Y</u> / <u>N</u> Field Data Required? <u>Y</u> / <u>N</u>	17. List State: <u>MO</u>

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 11/12/14

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B			Section C		
Required Client Information:		Required Project Information:			Invoice Information:		
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR			Attention: AMY HARGROVE/BRIAN POWER		
Address:		Copy To: SCOTT FEDAK/FEEZOR			Company Name: REPUBLIC SERVICES		
		Address: DANA BAKER/MARGARET TREANOR -BARR			Address: BRIDGETON, MO 63044		
Email To:		Purchase Order No:			Pace Quote Reference: 130426_7588		
Phone: (816) 285-8410 Fax:		Client Project ID: BRIDGETON LF			Pace Project Manager: Brown, Angie		
Requested Due Date/TAT: 10 Day (Default)		Container Order Number:			Pace Profile #: 7585 LINE 2		
				Regulatory Agency			
				State / Location			
				Missouri			

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9, -) Sample IDs must be unique	MATRIX Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	CODE	MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	Preservatives										Y/N	Requested Analysis Filtered (Y/N)													Residual Chlorine (Y/N)		
					START		END			# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test		COD EPA 410	pH SM 4500H+B	LF DIS. METALS 200.7/2/45	TOTAL METALS 200.7/2/45	AMMONIA EPA 350	O/G EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	TPH/HEM-SGT 1664	BOD SM 5210B					
					DATE	TIME	DATE	TIME											Analysis Test													Analysis Test				
					DATE	TIME	DATE	TIME											Analysis Test													Analysis Test				
1	1BP39 T1-064			OT G	11/11/14	0830	---	---	45	10	4	1	0	1BP39		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1BP39	
2	TRIP BLANK								2	2																										
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60182390
7.0

04
02

METALS LIST total & LF Dis:
Al, Sb, As, Be, Cd, Cr,
Co, Cu, Fe, Pb, Ni, Se, Ag, Tl, Zn
and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
SITE CONTACT: BILL ABERNATHY 314-502-1299	<i>Wyle Shaw</i>	11-11-14	1230	JASON SJA					
SITE ADDRESS: BRIDGETON LF				<i>Brian Power</i>	11/11/14	135	1.2	Y	Y
13570 ST. CHARLES ROCK RD									
BRIDGETON MO 63044									

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	WILLIAM ABERNATHY				
SIGNATURE of SAMPLER:	<i>William Abernathy</i> DATE Signed: 11/11/14				

November 21, 2014

DEREK BOUCHARD
REPUBLIC SERVICES
13570 ST CHARLES ROCK RD
Bridgeton, MO 63044

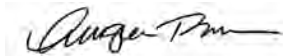
RE: Project: Bridgeton Impacted Debris
Pace Project No.: 60182448

Dear DEREK BOUCHARD:

Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: KEVIN KAMP, CEC
Natalie Lafata, Civil & Engineering Consultants, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

Dallas Certification IDs:

400 West Bethany Dr Suite 190, Allen, TX 75013

EPA# TX00074

Texas Certification #: T104704232-14-8

Kansas Certification #: E-10388

Arkansas Certification #: 88-0647

Oklahoma Certification #: 2014-055

Louisiana Certification #: 02007

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182448001	BLIS-05	Solid	11/12/14 10:15	11/13/14 02:25
60182448002	BLIS-04	Solid	11/12/14 10:15	11/13/14 02:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60182448001	BLIS-05	EPA 8081	TA	9	PASI-D
		EPA 8151	PMS	3	PASI-D
		EPA 6010	TDS	7	PASI-K
		EPA 7470	ZBM	1	PASI-K
		EPA 8270	JMT	18	PASI-K
		EPA 9095	AJM	1	PASI-K
		EPA 300.0	TDB	1	PASI-K
60182448002	BLIS-04	EPA 8260	JKL	13	PASI-K

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ANALYTICAL RESULTS

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Sample: BLIS-05 **Lab ID: 60182448001** Collected: 11/12/14 10:15 Received: 11/13/14 02:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides, TCLP								
Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 11/13/14 16:15								
gamma-BHC (Lindane)	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	58-89-9	
Chlordane (Technical)	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	57-74-9	
Endrin	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	72-20-8	
Heptachlor	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	76-44-8	
Heptachlor epoxide	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	1024-57-3	
Methoxychlor	ND mg/L		0.000010	1	11/19/14 17:34	11/20/14 16:58	72-43-5	
Toxaphene	ND mg/L		0.00030	1	11/19/14 17:34	11/20/14 16:58	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	85 %		40-140	1	11/19/14 17:34	11/20/14 16:58	2051-24-3	
Tetrachloro-m-xylene (S)	72 %		40-140	1	11/19/14 17:34	11/20/14 16:58	877-09-8	
8151 Chlorinate Herbicide TCLP								
Analytical Method: EPA 8151 Preparation Method: EPA 8151								
Leachate Method/Date: EPA 1311; 11/13/14 16:15								
2,4-D	ND mg/L		0.00050	1	11/19/14 15:59	11/20/14 12:52	94-75-7	
2,4,5-TP (Silvex)	ND mg/L		0.00050	1	11/19/14 15:59	11/20/14 12:52	93-72-1	
Surrogates								
2,4-DCAA (S)	68 %		40-140	1	11/19/14 15:59	11/20/14 12:52	19719-28-9	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 11/13/14 00:00								
Arsenic	ND mg/L		0.50	1	11/14/14 12:15	11/15/14 11:16	7440-38-2	
Barium	ND mg/L		2.5	1	11/14/14 12:15	11/15/14 11:16	7440-39-3	
Cadmium	ND mg/L		0.050	1	11/14/14 12:15	11/15/14 11:16	7440-43-9	
Chromium	ND mg/L		0.10	1	11/14/14 12:15	11/15/14 11:16	7440-47-3	
Lead	ND mg/L		0.50	1	11/14/14 12:15	11/15/14 11:16	7439-92-1	
Selenium	ND mg/L		0.50	1	11/14/14 12:15	11/15/14 11:16	7782-49-2	
Silver	ND mg/L		0.10	1	11/14/14 12:15	11/15/14 11:16	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 11/13/14 00:00								
Mercury	ND mg/L		0.0020	1	11/14/14 16:00	11/17/14 09:17	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 11/13/14 00:00								
1,4-Dichlorobenzene	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	106-46-7	
2,4-Dinitrotoluene	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	121-14-2	
Hexachloro-1,3-butadiene	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	87-68-3	
Hexachlorobenzene	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	118-74-1	
Hexachloroethane	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	251 ug/L		200	1	11/14/14 00:00	11/18/14 09:34		
Nitrobenzene	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/14/14 00:00	11/18/14 09:34	87-86-5	
Pyridine	ND ug/L		100	1	11/14/14 00:00	11/18/14 09:34	110-86-1	
2,4,5-Trichlorophenol	ND ug/L		500	1	11/14/14 00:00	11/18/14 09:34	95-95-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Sample: BLIS-05 **Lab ID: 60182448001** Collected: 11/12/14 10:15 Received: 11/13/14 02:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 11/13/14 00:00						
2,4,6-Trichlorophenol	ND	ug/L	100	1	11/14/14 00:00	11/18/14 09:34	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96 %		44-120	1	11/14/14 00:00	11/18/14 09:34	4165-60-0	
2-Fluorobiphenyl (S)	81 %		49-120	1	11/14/14 00:00	11/18/14 09:34	321-60-8	
Terphenyl-d14 (S)	84 %		52-122	1	11/14/14 00:00	11/18/14 09:34	1718-51-0	
Phenol-d6 (S)	79 %		36-120	1	11/14/14 00:00	11/18/14 09:34	13127-88-3	
2-Fluorophenol (S)	77 %		37-120	1	11/14/14 00:00	11/18/14 09:34	367-12-4	
2,4,6-Tribromophenol (S)	83 %		36-128	1	11/14/14 00:00	11/18/14 09:34	118-79-6	
9095 Paint Filter Liquid Test		Analytical Method: EPA 9095						
Free Liquids	negative			1		11/19/14 09:00		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Preparation Method: EPA 300.0						
Sulfate	258	mg/kg	98.6	10	11/17/14 08:00	11/19/14 23:08	14808-79-8	

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ANALYTICAL RESULTS

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Sample: BLIS-04 **Lab ID: 60182448002** Collected: 11/12/14 10:15 Received: 11/13/14 02:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 11/13/14 00:00						
Benzene	ND	ug/L	50.0	1		11/14/14 13:55	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		11/14/14 13:55	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		11/14/14 13:55	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		11/14/14 13:55	108-90-7	
Chloroform	ND	ug/L	200	1		11/14/14 13:55	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		11/14/14 13:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		11/14/14 13:55	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		11/14/14 13:55	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		11/14/14 13:55	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		11/14/14 13:55	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	92 %		80-120	1		11/14/14 13:55	17060-07-0	
Toluene-d8 (S)	97 %		80-120	1		11/14/14 13:55	2037-26-5	
4-Bromofluorobenzene (S)	99 %		80-120	1		11/14/14 13:55	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: MERP/9055

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60182448001

METHOD BLANK: 1478990

Matrix: Water

Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	11/17/14 08:43	

LABORATORY CONTROL SAMPLE: 1478991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0052	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1478992 1478993

Parameter	Units	60182512001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec						
Mercury	mg/L	ND	.015	.015	.021	0.020	139	135	75-125	3	20	M1			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: MPRP/29795

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 60182448001

METHOD BLANK: 1478871

Matrix: Water

Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	11/15/14 10:56	
Barium	mg/L	ND	2.5	11/15/14 10:56	
Cadmium	mg/L	ND	0.050	11/15/14 10:56	
Chromium	mg/L	ND	0.10	11/15/14 10:56	
Lead	mg/L	ND	0.50	11/15/14 10:56	
Selenium	mg/L	ND	0.50	11/15/14 10:56	
Silver	mg/L	ND	0.10	11/15/14 10:56	

LABORATORY CONTROL SAMPLE: 1478872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.95	95	80-120	
Barium	mg/L	1	1.0	101	80-120	
Cadmium	mg/L	1	0.97	97	80-120	
Chromium	mg/L	1	0.98	98	80-120	
Lead	mg/L	1	0.99	99	80-120	
Selenium	mg/L	1	0.92	92	80-120	
Silver	mg/L	.5	0.47	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1478873

1478874

Parameter	Units	60182448001		1478874		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	mg/L	ND	10	9.8	9.8	98	98	75-125	0	20	
Barium	mg/L	ND	10	10.6	10.4	101	100	75-125	1	20	
Cadmium	mg/L	ND	10	9.8	9.7	98	97	75-125	1	20	
Chromium	mg/L	ND	10	9.5	9.5	95	95	75-125	1	20	
Lead	mg/L	ND	10	9.7	9.7	97	97	75-125	0	20	
Selenium	mg/L	ND	10	9.6	9.6	96	96	75-125	0	20	
Silver	mg/L	ND	5	4.9	4.8	97	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris
Pace Project No.: 60182448

QC Batch: MSV/65750 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60182448002

METHOD BLANK: 1478690 Matrix: Water
Associated Lab Samples: 60182448002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	11/14/14 11:37	
1,2-Dichloroethane	ug/L	ND	50.0	11/14/14 11:37	
2-Butanone (MEK)	ug/L	ND	1000	11/14/14 11:37	
Benzene	ug/L	ND	50.0	11/14/14 11:37	
Carbon tetrachloride	ug/L	ND	50.0	11/14/14 11:37	
Chlorobenzene	ug/L	ND	50.0	11/14/14 11:37	
Chloroform	ug/L	ND	200	11/14/14 11:37	
Tetrachloroethene	ug/L	ND	50.0	11/14/14 11:37	
Trichloroethene	ug/L	ND	50.0	11/14/14 11:37	
Vinyl chloride	ug/L	ND	20.0	11/14/14 11:37	
1,2-Dichloroethane-d4 (S)	%	92	80-120	11/14/14 11:37	
4-Bromofluorobenzene (S)	%	97	80-120	11/14/14 11:37	
Toluene-d8 (S)	%	98	80-120	11/14/14 11:37	

LABORATORY CONTROL SAMPLE: 1478691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	842	84	78-126	
1,2-Dichloroethane	ug/L	1000	811	81	77-123	
2-Butanone (MEK)	ug/L	5000	3830	77	52-145	
Benzene	ug/L	1000	861	86	80-120	
Carbon tetrachloride	ug/L	1000	865	86	78-128	
Chlorobenzene	ug/L	1000	939	94	80-120	
Chloroform	ug/L	1000	826	83	79-120	
Tetrachloroethene	ug/L	1000	955	96	80-121	
Trichloroethene	ug/L	1000	912	91	80-120	
Vinyl chloride	ug/L	1000	916	92	59-120	
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE SAMPLE: 1478692

Parameter	Units	60182469001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	911	91	60-144	
1,2-Dichloroethane	ug/L	ND	1000	845	85	49-148	
2-Butanone (MEK)	ug/L	ND	5000	3850	76	36-145	
Benzene	ug/L	ND	1000	964	94	37-157	

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

MATRIX SPIKE SAMPLE:		1478692		60182469001		Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits		
Carbon tetrachloride	ug/L	ND	1000	961	96			68-142		
Chlorobenzene	ug/L	ND	1000	948	95			66-133		
Chloroform	ug/L	ND	1000	840	84			66-127		
Tetrachloroethene	ug/L	ND	1000	990	99			69-133		
Trichloroethene	ug/L	ND	1000	934	93			61-135		
Vinyl chloride	ug/L	ND	1000	1090	109			44-128		
1,2-Dichloroethane-d4 (S)	%				96			80-120		
4-Bromofluorobenzene (S)	%				99			80-120		
Toluene-d8 (S)	%				99			80-120		

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris
Pace Project No.: 60182448

QC Batch: OEXT/5091 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS TCLP Pesticides
Associated Lab Samples: 60182448001

METHOD BLANK: 108038 Matrix: Water
Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlordane (Technical)	mg/L	ND	0.000010	11/20/14 14:14	
Endrin	mg/L	ND	0.0000010	11/20/14 14:14	
gamma-BHC (Lindane)	mg/L	ND	0.0000010	11/20/14 14:14	
Heptachlor	mg/L	ND	0.0000010	11/20/14 14:14	
Heptachlor epoxide	mg/L	ND	0.0000010	11/20/14 14:14	
Methoxychlor	mg/L	ND	0.0000010	11/20/14 14:14	
Toxaphene	mg/L	ND	0.000030	11/20/14 14:14	
Decachlorobiphenyl (S)	%	97	40-140	11/20/14 14:14	
Tetrachloro-m-xylene (S)	%	79	40-140	11/20/14 14:14	

LABORATORY CONTROL SAMPLE: 108039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlordane (Technical)	mg/L		ND			
Endrin	mg/L	.001	0.00069	69	40-140	
gamma-BHC (Lindane)	mg/L	.001	0.00067	67	40-140	
Heptachlor	mg/L	.001	0.00070	70	40-140	
Heptachlor epoxide	mg/L	.001	0.00072	72	40-140	
Methoxychlor	mg/L	.001	0.00071	71	40-140	
Toxaphene	mg/L		ND			
Decachlorobiphenyl (S)	%			78	40-140	
Tetrachloro-m-xylene (S)	%			79	40-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 108040 108041

Parameter	Units	7520662001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chlordane (Technical)	mg/L	ND		ND	ND	ND						40
Endrin	mg/L	ND	.01	.01	0.0079	0.0069	79	69	40-140	13	40	
gamma-BHC (Lindane)	mg/L	ND	.01	.01	0.0070	0.0067	70	67	40-140	5	40	
Heptachlor	mg/L	ND	.01	.01	0.0071	0.0069	71	69	40-140	2	40	
Heptachlor epoxide	mg/L	ND	.01	.01	0.0079	0.0070	79	70	40-140	13	40	
Methoxychlor	mg/L	ND	.01	.01	0.0092	0.0071	92	71	40-140	26	40	
Toxaphene	mg/L	ND			ND	ND						40
Decachlorobiphenyl (S)	%						91	92	40-140			
Tetrachloro-m-xylene (S)	%						76	73	40-140			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: OEXT/5092

Analysis Method: EPA 8151

QC Batch Method: EPA 8151

Analysis Description: 8151 GCS TCLP Herbicides

Associated Lab Samples: 60182448001

METHOD BLANK: 108054

Matrix: Water

Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-TP (Silvex)	mg/L	ND	0.000050	11/20/14 10:33	
2,4-D	mg/L	ND	0.000050	11/20/14 10:33	
2,4-DCAA (S)	%.	104	40-140	11/20/14 10:33	

LABORATORY CONTROL SAMPLE: 108055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-TP (Silvex)	mg/L	.002	0.0019	96	10-140	
2,4-D	mg/L	.002	0.0022	108	40-140	
2,4-DCAA (S)	%.			101	40-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 108056

108057

Parameter	Units	60182448001		108057		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
2,4,5-TP (Silvex)	mg/L	ND	.02	0.0090	0.0092	45	46	10-140	3	40	
2,4-D	mg/L	ND	.02	0.0088	0.011	44	55	40-140	23	40	
2,4-DCAA (S)	%.					43	37	40-140			S0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: OEXT/47132

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 TCLP MSSV

Associated Lab Samples: 60182448001

METHOD BLANK: 1478781

Matrix: Water

Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	11/18/14 07:09	
2,4,5-Trichlorophenol	ug/L	ND	500	11/18/14 07:09	
2,4,6-Trichlorophenol	ug/L	ND	100	11/18/14 07:09	
2,4-Dinitrotoluene	ug/L	ND	100	11/18/14 07:09	
2-Methylphenol(o-Cresol)	ug/L	ND	100	11/18/14 07:09	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	11/18/14 07:09	
Hexachloro-1,3-butadiene	ug/L	ND	100	11/18/14 07:09	
Hexachlorobenzene	ug/L	ND	100	11/18/14 07:09	
Hexachloroethane	ug/L	ND	100	11/18/14 07:09	
Nitrobenzene	ug/L	ND	100	11/18/14 07:09	
Pentachlorophenol	ug/L	ND	500	11/18/14 07:09	
Pyridine	ug/L	ND	100	11/18/14 07:09	
2,4,6-Tribromophenol (S)	%	74	36-128	11/18/14 07:09	
2-Fluorobiphenyl (S)	%	77	49-120	11/18/14 07:09	
2-Fluorophenol (S)	%	70	37-120	11/18/14 07:09	
Nitrobenzene-d5 (S)	%	78	44-120	11/18/14 07:09	
Phenol-d6 (S)	%	73	36-120	11/18/14 07:09	
Terphenyl-d14 (S)	%	80	52-122	11/18/14 07:09	

LABORATORY CONTROL SAMPLE: 1478782

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	375	75	47-120	
2,4,5-Trichlorophenol	ug/L	500	450J	90	51-124	
2,4,6-Trichlorophenol	ug/L	500	430	86	46-120	
2,4-Dinitrotoluene	ug/L	500	389	78	38-120	
2-Methylphenol(o-Cresol)	ug/L	500	403	81	46-120	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	813	81	41-120	
Hexachloro-1,3-butadiene	ug/L	500	377	75	49-120	
Hexachlorobenzene	ug/L	500	411	82	50-120	
Hexachloroethane	ug/L	500	354	71	38-120	
Nitrobenzene	ug/L	500	431	86	49-120	
Pentachlorophenol	ug/L	500	431J	86	35-125	
Pyridine	ug/L	500	262	52	10-120	
2,4,6-Tribromophenol (S)	%			90	36-128	
2-Fluorobiphenyl (S)	%			88	49-120	
2-Fluorophenol (S)	%			79	37-120	
Nitrobenzene-d5 (S)	%			90	44-120	
Phenol-d6 (S)	%			83	36-120	
Terphenyl-d14 (S)	%			91	52-122	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

MATRIX SPIKE SAMPLE:	1478783	60182498002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	500	406	81	48-120	
2,4,5-Trichlorophenol	ug/L	ND	500	464J	93	57-120	
2,4,6-Trichlorophenol	ug/L	ND	500	448	90	48-120	
2,4-Dinitrotoluene	ug/L	ND	500	398	80	38-120	
2-Methylphenol(o-Cresol)	ug/L	ND	500	414	83	48-120	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	845	84	47-120	
Hexachloro-1,3-butadiene	ug/L	ND	500	386	77	49-120	
Hexachlorobenzene	ug/L	ND	500	428	86	53-120	
Hexachloroethane	ug/L	ND	500	382	76	38-120	
Nitrobenzene	ug/L	ND	500	461	92	51-120	
Pentachlorophenol	ug/L	ND	500	445J	89	34-131	
Pyridine	ug/L	ND	500	330	66	10-120	
2,4,6-Tribromophenol (S)	%				92	36-128	
2-Fluorobiphenyl (S)	%				93	49-120	
2-Fluorophenol (S)	%				85	37-120	
Nitrobenzene-d5 (S)	%				95	44-120	
Phenol-d6 (S)	%				86	36-120	
Terphenyl-d14 (S)	%				97	52-122	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: WET/51612

Analysis Method: EPA 9095

QC Batch Method: EPA 9095

Analysis Description: 9095 PAINT FILTER LIQUID TEST

Associated Lab Samples: 60182448001

SAMPLE DUPLICATE: 1480879

Parameter	Units	60182448001 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids		negative	negative			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

QC Batch: WETA/31840 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
 Associated Lab Samples: 60182448001

METHOD BLANK: 1479056 Matrix: Solid
 Associated Lab Samples: 60182448001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/kg	ND	99.3	11/19/14 22:38	

LABORATORY CONTROL SAMPLE: 1479057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/kg	493	472	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1479058 1479059

Parameter	Units	60182448001		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Sulfate	mg/kg	258	494	490	711	804	91	111	80-120	12	15	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-D Pace Analytical Services - Dallas

PASI-K Pace Analytical Services - Kansas City

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S0 Surrogate recovery outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bridgeton Impacted Debris

Pace Project No.: 60182448

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182448001	BLIS-05	EPA 3510	OEXT/5091	EPA 8081	GCSV/3205
60182448001	BLIS-05	EPA 8151	OEXT/5092	EPA 8151	GCSV/3204
60182448001	BLIS-05	EPA 3010	MPRP/29795	EPA 6010	ICP/22326
60182448001	BLIS-05	EPA 7470	MERP/9055	EPA 7470	MERC/9008
60182448001	BLIS-05	EPA 3510	OEXT/47132	EPA 8270	MSSV/15187
60182448002	BLIS-04	EPA 8260	MSV/65750		
60182448001	BLIS-05	EPA 9095	WET/51612		
60182448001	BLIS-05	EPA 300.0	WETA/31840	EPA 300.0	WETA/31841

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182448



Client Name: Republic Services

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other axroad

Tracking #: _____ Pace Shipping Label Used? Yes [] No [x]

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [] Bubble Bags [x] Foam [] None [] Other 2PIC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None [] Samples received on ice, cooling process has begun.

Cooler Temperature: 3.2
Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 11/13/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.	
Rush Turn Around Time requested: <u>11/13/14</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.	
Includes date/time/ID/analyses Matrix: <u>SL</u>		13.	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed	Lot # of added preservative
Trip Blank present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.	
Pace Trip Blank lot # (if purchased):			
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State:	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Steve Date/Time: 11/13/14 16:00

Comments/ Resolution: updated parameter list - add Temp Herb/pest - Dallas

Project Manager Review: [Signature] Date: 11/14

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:			
Company: Republic Services		Report To: Derek Bouchard		Attention: AMY HARGROVE/BRIAN POWER			
Address: 13570 St. Charles Rock Rd		Copy To: Kevin Kamp (kkamp@cecinc.com)		Company Name: REPUBLIC SERVICES		REGULATORY AGENCY	
Bridgeton, MO 63044				Address: BRIDGETON, MO 63044		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> OTHER	
Email To: dbouchard@republicservices.com		Purchase Order No.:		Pace Quote Reference:		Site Location	
Phone: 314-302-3634 Fax:		Project Name: BRIDGETON		Pace Project Manager: Angie Brown 913-563-1402		STATE: MO	
Requested Due Date/TAT: *ASAP*		Project Number: Bridgeton Disposal - Impacted Soil		Pace Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.						
								DATE	TIME	DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl			NaOH	Na ₂ S ₂ O ₃	Methanol	Other	TCLP RCRA 8	TCLP SVOCs
1	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	COMPOSITE START COMPOSITE END/GRAB		2																		60182448
2					1																		SHIP TO PACE w1 LENEXA LOCATION w2
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Immediate Turnaround	<i>Nyle Mauer</i>	11-12-14	1222	<i>Dustin Shapiro (911)</i> <i>PA SA</i>	11/13/14	0225	3.2	y	y	y

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Natalie Lafata</i>					
SIGNATURE of SAMPLER:	<i>[Signature]</i>		DATE Signed (MM/DD/YY):	11/12/14		

Chain of Custody



Workorder: 60182448 Workorder Name: Bridgeton Impacted Debris Owner Received Date: 11/13/2014 Results Requested By: 11/20/2014

Report To		Subcontract To				Requested Analysis																					
Angie Brown Pace Analytical Services, Inc. 9608 Loiret Blvd. Lenexa, KS 66219 Phone (913)599-5665 Fax (913)599-1759		Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013 Phone (972)727-1123																									
Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers				TCLP PEST	TCLP HERB									LAB USE ONLY							
						none																					
1	BLIS-05	PS	11/12/2014 10:15	60182448001	Solid	1					X	X															001
2																											
3																											
4																											
5																											
											Comments																
Transfers		Released By		Date/Time		Received By		Date/Time		Send Leachate																	
1		<i>[Signature]</i>		11/14/14		<i>[Signature]</i>		11-15-14 0845																			
2																											
3																											
Cooler Temperature on Receipt ^{2.2} °C											Custody Seal <u>Y</u> or N		Received on Ice <u>Y</u> or N			Samples Intact <u>Y</u> or N											

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
 This chain of custody is considered complete as is since this information is available in the owner laboratory.

WO#: 7520715

7520715



Sample Condition Upon Receipt

Dallas

Client Name: Pace Kansas Project Work order: 9520715

Courier: FedEX UPS USPS Client Courier LSO PACE Other: _____

Tracking#: 6011352833849 / 6011352833850

Custody Seal on Cooler/Box: Yes No Seals Intact: Yes No NA

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: IR-01 Type of Ice: Wet Blue None Sample Received on ice, cooling process has begun

Cooler Temp: 2:0^oC 2:2^oC (Temp should be above freezing to 6°C)

Chain of Custody Present	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	1
Chain of Custody filled out	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	2
Chain of Custody relinquished	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	3
Sampler name & signature on COC	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	4
Sample received within HT	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	5
Short HT analyses (<72 hrs)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	6
Rush TAT requested	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	7
Sufficient Volume received	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	8
Correct Container used	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	9
Pace Container used	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	
Container Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	10
Unpreserved 5035A soil frozen within 48 hrs	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	11
Filtered volume received for Dissolved tests	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	12
Sample labels match COC	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	13
Include date/time/ID/analyses	Matrix: <u>water</u>	
All containers needing preservation have been checked	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	14a. Lot# of pH strip: _____ pH checked Yes <input type="checkbox"/> No <input type="checkbox"/> pH<2 <input type="checkbox"/> pH>9 <input type="checkbox"/> pH>12 <input type="checkbox"/> Lot# of Iodine strip: _____ Lot# of Lead Acetate strip: _____
Do containers require preservation at the lab	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	14b. Preservation: _____ Lot#: _____
All containers needing preservation are found to be in Compliance with EPA recommendation	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	14c.
Exception: VOA, coliform, O&G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Are soil samples (volatiles) received in	Bulk <input type="checkbox"/> Terracore <input type="checkbox"/> EnCore <input type="checkbox"/> NA <input checked="" type="checkbox"/>	15.
Trip Blank present	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	16.
Trip Blank Custody Seals Intact	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Pace Trip Blank Lot# (if purchased):	_____	
Headspace in VOA (>6mm)	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	17.
Project sampled in USDA Regulated Area:	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	18. List State _____

Client Notification/Resolution/Comments:

Person Contacted: _____ Date: _____

Comments/Resolution: _____

Person Examining Contents: mm Date: 11-15-14

Pace Analytical Services - Dallas
Sample Container Count-

Pace Project # 7520715

COC PAGE 1 of 1

COC ID# _____

Sample Line Item	AG1S	AG1U	AG3S	BG1H	BG1S	BP1U	BP2N	BP2S	BP2U	BP2O	SP5T	VG9H	VG9M	VG9T	VG9U	VG9W	WGFU	WGKU	AG24			
1																				2		
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Container Codes

DG9H	40mL HCL amber vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOH, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFU	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar unpreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

November 20, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-065
Pace Project No.: 60182481

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182481001	T1-065	Water	11/12/14 09:03	11/13/14 02:25
60182481002	TRIP BLANK	Water		11/13/14 02:25

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182481001	T1-065	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182481002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Sample: T1-065	Lab ID: 60182481001	Collected: 11/12/14 09:03	Received: 11/13/14 02:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	5600 ug/L		375	1	11/15/14 15:42	11/18/14 09:52	7429-90-5	
Antimony	ND ug/L		50.0	1	11/15/14 15:42	11/18/14 09:52	7440-36-0	
Arsenic	384 ug/L		50.0	1	11/15/14 15:42	11/18/14 09:52	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/15/14 15:42	11/18/14 09:52	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/15/14 15:42	11/18/14 09:52	7440-43-9	
Chromium	128 ug/L		25.0	1	11/15/14 15:42	11/18/14 09:52	7440-47-3	
Cobalt	26.7 ug/L		25.0	1	11/15/14 15:42	11/18/14 09:52	7440-48-4	
Copper	ND ug/L		50.0	1	11/15/14 15:42	11/18/14 09:52	7440-50-8	
Iron	379000 ug/L		250	1	11/15/14 15:42	11/18/14 09:52	7439-89-6	
Lead	58.4 ug/L		25.0	1	11/15/14 15:42	11/18/14 09:52	7439-92-1	
Nickel	62.6 ug/L		25.0	1	11/15/14 15:42	11/18/14 09:52	7440-02-0	
Selenium	ND ug/L		75.0	1	11/15/14 15:42	11/18/14 09:52	7782-49-2	
Silver	ND ug/L		35.0	1	11/15/14 15:42	11/18/14 09:52	7440-22-4	
Thallium	ND ug/L		100	1	11/15/14 15:42	11/18/14 09:52	7440-28-0	
Zinc	2850 ug/L		250	1	11/15/14 15:42	11/18/14 09:52	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	377 ug/L		375	1	11/18/14 16:45	11/19/14 13:45	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 13:45	7440-36-0	
Arsenic, Dissolved	298 ug/L		50.0	1	11/18/14 16:45	11/19/14 13:45	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/18/14 16:45	11/19/14 13:45	7440-41-7	
Cadmium, Dissolved	72.8 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:45	7440-43-9	D9
Chromium, Dissolved	81.4 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:45	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 13:45	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 13:45	7440-50-8	
Iron, Dissolved	76600 ug/L		250	1	11/18/14 16:45	11/19/14 13:45	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 13:45	7439-92-1	
Nickel, Dissolved	58.6 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:45	7440-02-0	D9
Selenium, Dissolved	ND ug/L		75.0	1	11/18/14 16:45	11/19/14 13:45	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/18/14 16:45	11/19/14 13:45	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/18/14 16:45	11/19/14 13:45	7440-28-0	
Zinc, Dissolved	1630 ug/L		250	1	11/18/14 16:45	11/19/14 13:45	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	11/14/14 09:30	11/14/14 15:28	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/18/14 16:25	11/19/14 10:28	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/13/14 00:00	11/14/14 11:12	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/13/14 00:00	11/14/14 11:12	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2110 ug/L		2000	1	11/13/14 00:00	11/14/14 11:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Sample: T1-065	Lab ID: 60182481001	Collected: 11/12/14 09:03	Received: 11/13/14 02:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	87-86-5	
Phenol	2870 ug/L		500	1	11/13/14 00:00	11/14/14 11:12	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/13/14 00:00	11/14/14 11:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75 %		33-120	1	11/13/14 00:00	11/14/14 11:12	4165-60-0	
2-Fluorobiphenyl (S)	67 %		39-120	1	11/13/14 00:00	11/14/14 11:12	321-60-8	
Terphenyl-d14 (S)	61 %		45-120	1	11/13/14 00:00	11/14/14 11:12	1718-51-0	
Phenol-d6 (S)	27 %		11-120	1	11/13/14 00:00	11/14/14 11:12	13127-88-3	
2-Fluorophenol (S)	38 %		17-120	1	11/13/14 00:00	11/14/14 11:12	367-12-4	
2,4,6-Tribromophenol (S)	80 %		39-120	1	11/13/14 00:00	11/14/14 11:12	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	82900 ug/L		1000	100		11/14/14 17:47	67-64-1	N2
Benzene	ND ug/L		100	100		11/14/14 17:47	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/14/14 17:47	75-27-4	
Bromoform	ND ug/L		100	100		11/14/14 17:47	75-25-2	
Bromomethane	ND ug/L		500	100		11/14/14 17:47	74-83-9	
2-Butanone (MEK)	40000 ug/L		1000	100		11/14/14 17:47	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/14/14 17:47	56-23-5	
Chloroethane	ND ug/L		100	100		11/14/14 17:47	75-00-3	
Chloroform	ND ug/L		100	100		11/14/14 17:47	67-66-3	
1,4-Dichlorobenzene	147 ug/L		100	100		11/14/14 17:47	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/14/14 17:47	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:47	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/14/14 17:47	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/14/14 17:47	100-41-4	
Methylene chloride	ND ug/L		100	100		11/14/14 17:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/14/14 17:47	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/14/14 17:47	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/14/14 17:47	127-18-4	
Toluene	ND ug/L		100	100		11/14/14 17:47	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/14/14 17:47	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/14/14 17:47	79-00-5	
Trichloroethene	ND ug/L		100	100		11/14/14 17:47	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/14/14 17:47	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/14/14 17:47	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	100		11/14/14 17:47	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/14/14 17:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	100		11/14/14 17:47	17060-07-0	
Preservation pH	6.0		1.0	100		11/14/14 17:47		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	237 mg/L		5.0	1		11/13/14 12:14		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Sample: T1-065		Lab ID: 60182481001	Collected: 11/12/14 09:03	Received: 11/13/14 02:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664 SGT-HEM, TPH		Analytical Method: EPA 1664A						
Total Petroleum Hydrocarbons	6.5	mg/L	5.0	1		11/13/14 15:26		
2540D Total Suspended Solids		Analytical Method: SM 2540D						
Total Suspended Solids	3380	mg/L	5.0	1		11/17/14 14:44		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B						
pH at 25 Degrees C	7.1	Std. Units	0.10	1		11/17/14 09:00		H6
5210B BOD, 5 day		Analytical Method: SM 5210B Preparation Method: SM 5210B						
BOD, 5 day	10800	mg/L	2.0	1	11/13/14 16:15	11/18/14 11:54		
350.1 Ammonia		Analytical Method: EPA 350.1						
Nitrogen, Ammonia	202	mg/L	5.0	50		11/15/14 15:30	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4						
Chemical Oxygen Demand	21700	mg/L	2500	250		11/17/14 08:51		M1

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Sample: TRIP BLANK		Lab ID: 60182481002	Collected:	Received: 11/13/14 02:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/14/14 18:29	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/14/14 18:29	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/14/14 18:29	75-27-4	
Bromoform	ND ug/L		1.0	1		11/14/14 18:29	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/14/14 18:29	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/14/14 18:29	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/14/14 18:29	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/14/14 18:29	75-00-3	
Chloroform	ND ug/L		1.0	1		11/14/14 18:29	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/14/14 18:29	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/14/14 18:29	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 18:29	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/14/14 18:29	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/14/14 18:29	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/14/14 18:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/14/14 18:29	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/14/14 18:29	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/14/14 18:29	127-18-4	
Toluene	ND ug/L		1.0	1		11/14/14 18:29	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/14/14 18:29	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/14/14 18:29	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/14/14 18:29	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/14/14 18:29	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/14/14 18:29	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/14/14 18:29	460-00-4	
Toluene-d8 (S)	104 %		80-120	1		11/14/14 18:29	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	1		11/14/14 18:29	17060-07-0	
Preservation pH	6.0		1.0	1		11/14/14 18:29		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	MERP/9053	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury
Associated Lab Samples:	60182481001		

METHOD BLANK: 1478613 Matrix: Water
Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/14/14 15:21	

LABORATORY CONTROL SAMPLE: 1478614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1478615 1478616

Parameter	Units	60182481001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury	ug/L	ND	150	150	105	99.9	70	67	70-130	5	20	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	MERP/9062	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182481001		

METHOD BLANK: 1480694 Matrix: Water
Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: MPRP/29813

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182481001

METHOD BLANK: 1479621

Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/17/14 17:10	
Antimony	ug/L	ND	10.0	11/17/14 17:10	
Arsenic	ug/L	ND	10.0	11/17/14 17:10	
Beryllium	ug/L	ND	1.0	11/17/14 17:10	
Cadmium	ug/L	ND	5.0	11/17/14 17:10	
Chromium	ug/L	ND	5.0	11/17/14 17:10	
Cobalt	ug/L	ND	5.0	11/17/14 17:10	
Copper	ug/L	ND	10.0	11/17/14 17:10	
Iron	ug/L	ND	50.0	11/17/14 17:10	
Lead	ug/L	ND	5.0	11/17/14 17:10	
Nickel	ug/L	ND	5.0	11/17/14 17:10	
Selenium	ug/L	ND	15.0	11/17/14 17:10	
Silver	ug/L	ND	7.0	11/17/14 17:10	
Thallium	ug/L	ND	20.0	11/17/14 17:10	
Zinc	ug/L	ND	50.0	11/17/14 17:10	

LABORATORY CONTROL SAMPLE: 1479622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9890	99	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1000	100	85-115	
Cadmium	ug/L	1000	1010	101	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1000	100	85-115	
Iron	ug/L	10000	9790	98	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1010	101	85-115	
Silver	ug/L	500	496	99	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1479623			1479624							
Parameter	Units	60182390001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits			
Aluminum	ug/L	6100	50000	50000	61500	62300	111	112	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5560	5370	111	107	70-130	3	20	
Arsenic	ug/L	362	5000	5000	5920	5740	111	108	70-130	3	20	
Beryllium	ug/L	ND	5000	5000	4950	5060	99	101	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5420	5300	108	106	70-130	2	20	
Chromium	ug/L	120	5000	5000	5080	5060	99	99	70-130	0	20	
Cobalt	ug/L	ND	5000	5000	5040	5060	100	101	70-130	1	20	
Copper	ug/L	61.0	5000	5000	5540	5360	109	106	70-130	3	20	
Iron	ug/L	320000	50000	50000	371000	380000	101	119	70-130	2	20	
Lead	ug/L	43.9	5000	5000	4950	4900	98	97	70-130	1	20	
Nickel	ug/L	60.2	5000	5000	5080	5040	100	100	70-130	1	20	
Selenium	ug/L	ND	5000	5000	5770	5550	115	111	70-130	4	20	
Silver	ug/L	ND	2500	2500	2650	2610	106	104	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4560	4540	91	91	70-130	0	20	
Zinc	ug/L	2310	5000	5000	7080	7240	95	99	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182481001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Parameter	Units	60182390001		1480777		1480778		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20			
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20			
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20			
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20			
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20			
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20			
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20			
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20			
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: MSV/65754 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182481001, 60182481002

METHOD BLANK: 1478785 Matrix: Water

Associated Lab Samples: 60182481001, 60182481002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/14/14 14:32	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	11/14/14 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/14/14 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	11/14/14 14:32	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/14/14 14:32	N2
Acetone	ug/L	ND	10.0	11/14/14 14:32	N2
Benzene	ug/L	ND	1.0	11/14/14 14:32	
Bromodichloromethane	ug/L	ND	1.0	11/14/14 14:32	
Bromoform	ug/L	ND	1.0	11/14/14 14:32	
Bromomethane	ug/L	ND	5.0	11/14/14 14:32	
Carbon tetrachloride	ug/L	ND	1.0	11/14/14 14:32	
Chloroethane	ug/L	ND	1.0	11/14/14 14:32	
Chloroform	ug/L	ND	1.0	11/14/14 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	N2
Ethylbenzene	ug/L	ND	1.0	11/14/14 14:32	
Methylene chloride	ug/L	ND	1.0	11/14/14 14:32	
Tetrachloroethene	ug/L	ND	1.0	11/14/14 14:32	
Toluene	ug/L	ND	1.0	11/14/14 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Trichloroethene	ug/L	ND	1.0	11/14/14 14:32	
Vinyl chloride	ug/L	ND	1.0	11/14/14 14:32	
Xylene (Total)	ug/L	ND	3.0	11/14/14 14:32	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	11/14/14 14:32	
4-Bromofluorobenzene (S)	%	105	80-120	11/14/14 14:32	
Toluene-d8 (S)	%	100	80-120	11/14/14 14:32	

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.3	96	67-124	
1,2-Dichloroethane	ug/L	20	19.2	96	70-126	
1,4-Dichlorobenzene	ug/L	20	19.7	98	74-120	
2-Butanone (MEK)	ug/L	100	88.6	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.7	95	59-131	N2
Acetone	ug/L	100	85.5	86	38-134	N2
Benzene	ug/L	20	19.7	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

LABORATORY CONTROL SAMPLE: 1478786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	19.8	99	68-125	
Bromoform	ug/L	20	19.9	100	65-127	
Bromomethane	ug/L	20	12.2	61	13-157	
Carbon tetrachloride	ug/L	20	20.3	102	70-131	
Chloroethane	ug/L	20	23.0	115	47-133	
Chloroform	ug/L	20	18.7	93	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	18.6	93	64-129	
Tetrachloroethene	ug/L	20	20.5	103	73-125	
Toluene	ug/L	20	21.2	106	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	66-129	
Trichloroethene	ug/L	20	19.7	99	71-123	
Vinyl chloride	ug/L	20	16.1	80	43-129	
Xylene (Total)	ug/L	60	63.9	106	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1478787

Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2090	105	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2100	105	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2000	100	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1910	95	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2280	111	33-140	
2-Butanone (MEK)	ug/L	27500	10000	36600	91	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9990	97	40-160	N2
Acetone	ug/L	58400	10000	67400	89	10-160	N2
Benzene	ug/L	ND	2000	2070	103	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2030	101	45-142	
Bromomethane	ug/L	ND	2000	1320	66	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	116	70-140	
Chloroethane	ug/L	ND	2000	2130	106	19-152	
Chloroform	ug/L	ND	2000	1980	99	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1890	94	34-147	N2
Ethylbenzene	ug/L	ND	2000	2330	117	40-142	
Methylene chloride	ug/L	ND	2000	2030	101	31-144	
Tetrachloroethene	ug/L	ND	2000	2340	117	64-148	
Toluene	ug/L	ND	2000	2340	117	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2150	107	54-151	
Trichloroethene	ug/L	ND	2000	2210	110	71-149	
Vinyl chloride	ug/L	ND	2000	1840	92	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

MATRIX SPIKE SAMPLE:		1478787					
Parameter	Units	60182282001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7050	118	37-144	N2
1,2-Dichloroethane-d4 (S)	%				97	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	OEXT/47109	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182481001		

METHOD BLANK: 1478200 Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/14/14 09:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/14/14 09:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/14/14 09:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/14/14 09:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/14/14 09:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/14/14 09:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/14/14 09:49	
Hexachloroethane	ug/L	ND	5.0	11/14/14 09:49	
Naphthalene	ug/L	ND	5.0	11/14/14 09:49	
Nitrobenzene	ug/L	ND	5.0	11/14/14 09:49	
Pentachlorophenol	ug/L	ND	5.0	11/14/14 09:49	
Phenol	ug/L	ND	5.0	11/14/14 09:49	
2,4,6-Tribromophenol (S)	%	95	39-120	11/14/14 09:49	
2-Fluorobiphenyl (S)	%	81	39-120	11/14/14 09:49	
2-Fluorophenol (S)	%	44	17-120	11/14/14 09:49	
Nitrobenzene-d5 (S)	%	73	33-120	11/14/14 09:49	
Phenol-d6 (S)	%	28	11-120	11/14/14 09:49	
Terphenyl-d14 (S)	%	95	45-120	11/14/14 09:49	

LABORATORY CONTROL SAMPLE: 1478201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.4	83	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.9	96	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.2	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.1	70	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	51.4	103	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	44-116	
Hexachlorocyclopentadiene	ug/L	100	50.7	51	24-120	
Hexachloroethane	ug/L	50	38.4	77	43-113	
Naphthalene	ug/L	50	40.4	81	48-120	
Nitrobenzene	ug/L	50	38.0	76	48-120	
Pentachlorophenol	ug/L	50	56.8	114	47-120	
Phenol	ug/L	50	18.2	36	16-112	
2,4,6-Tribromophenol (S)	%			104	39-120	
2-Fluorobiphenyl (S)	%			89	39-120	
2-Fluorophenol (S)	%			48	17-120	
Nitrobenzene-d5 (S)	%			82	33-120	
Phenol-d6 (S)	%			32	11-120	
Terphenyl-d14 (S)	%			100	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	WET/51522	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182481001		

METHOD BLANK: 1478127 Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/13/14 12:12	

LABORATORY CONTROL SAMPLE: 1478128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.7	99	78-114	

MATRIX SPIKE SAMPLE: 1478130

Parameter	Units	60182399001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	72.8	41.2	44.6	-68	78-114	1e,M1

SAMPLE DUPLICATE: 1478129

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	181	189	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	WET/51523	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 SGT-HEM, TPH
Associated Lab Samples:	60182481001		

METHOD BLANK: 1478131 Matrix: Water
Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	11/13/14 15:23	

LABORATORY CONTROL SAMPLE: 1478132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	20	22.0	110	64-132	

MATRIX SPIKE SAMPLE: 1478134

Parameter	Units	60182399001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	9.2	20.6	19.0	47	64-132	M1

SAMPLE DUPLICATE: 1478133

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Petroleum Hydrocarbons	mg/L	8.0	9.6	18	34	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	WET/51557	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182481001		

METHOD BLANK: 1480098 Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/17/14 14:44	

SAMPLE DUPLICATE: 1480099

Parameter	Units	60182473001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1480100

Parameter	Units	60182495002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	204	220	8	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: WET/51562 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182481001

SAMPLE DUPLICATE: 1480141

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: WET/51525

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182481001

METHOD BLANK: 1478219

Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/18/14 10:25	

LABORATORY CONTROL SAMPLE: 1478220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	170	86	85-115	

SAMPLE DUPLICATE: 1478221

Parameter	Units	60182404002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	957	1040	8	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch:	WETA/31831	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182481001		

METHOD BLANK: 1478994 Matrix: Water
Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/15/14 14:59	

LABORATORY CONTROL SAMPLE: 1478995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	99	90-110	

MATRIX SPIKE SAMPLE: 1479000

Parameter	Units	60182126002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.6	79	90-110	M1

MATRIX SPIKE SAMPLE: 1479001

Parameter	Units	60182162001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.8	92	90-110	

SAMPLE DUPLICATE: 1479002

Parameter	Units	60182185003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.18	0.18	0	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

QC Batch: WETA/31822

Analysis Method: EPA 410.4

QC Batch Method: EPA 410.4

Analysis Description: 410.4 COD

Associated Lab Samples: 60182481001

METHOD BLANK: 1478814

Matrix: Water

Associated Lab Samples: 60182481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/17/14 08:44	

LABORATORY CONTROL SAMPLE: 1478815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	53.3	107	90-110	

MATRIX SPIKE SAMPLE: 1478816

Parameter	Units	60182016007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	33.1	50	79.6	93	90-110	

MATRIX SPIKE SAMPLE: 1478818

Parameter	Units	60182481001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	21700	12500	32800	89	90-110	M1

SAMPLE DUPLICATE: 1478817

Parameter	Units	60182023001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	538	542	1	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: OEXT/47109

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1e Analyst noted that the containers used were visually different.

D9 Dissolved result is greater than the total. Data is within laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-065

Pace Project No.: 60182481

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182481001	T1-065	EPA 200.7	MPRP/29813	EPA 200.7	ICP/22331
60182481001	T1-065	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182481001	T1-065	EPA 245.1	MERP/9053	EPA 245.1	MERC/9006
60182481001	T1-065	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182481001	T1-065	EPA 625	OEXT/47109	EPA 625	MSSV/15174
60182481001	T1-065	EPA 624 Low	MSV/65754		
60182481002	TRIP BLANK	EPA 624 Low	MSV/65754		
60182481001	T1-065	EPA 1664A	WET/51522		
60182481001	T1-065	EPA 1664A	WET/51523		
60182481001	T1-065	SM 2540D	WET/51557		
60182481001	T1-065	SM 4500-H+B	WET/51562		
60182481001	T1-065	SM 5210B	WET/51525	SM 5210B	WET/51599
60182481001	T1-065	EPA 350.1	WETA/31831		
60182481001	T1-065	EPA 410.4	WETA/31822		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182481



60182481

Client Name: Bart

Courier: Fed Ex UPS USPS Client Commercial Pace Other XR

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other ZPLC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun (circle one)

Cooler Temperature: 2.6

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: BSB 11/3/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD pH</u>	
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Includes date/time/ID/analyses <u>y</u> Matrix: <u>water</u>		13.	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>BP3N - 3.0</u> <u>BP3S - 4.0</u>	
Exceptions: <u>VOA</u> , coliform, TOC, <u>O&G</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed	Lot # of added preservative
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Pace Trip Blank lot # (if purchased): <u>covered</u>		15.	
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MD</u>	

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/3/14

November 21, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-066
Pace Project No.: 60182582

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182582001	T1-066	Water	11/13/14 11:00	11/14/14 01:25
60182582002	TRIP BLANK	Water	11/13/14 11:00	11/14/14 01:25

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182582001	T1-066	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182582002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Sample: T1-066		Lab ID: 60182582001	Collected: 11/13/14 11:00	Received: 11/14/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	15700	ug/L	375	1	11/15/14 15:42	11/18/14 09:55	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/15/14 15:42	11/18/14 09:55	7440-36-0	
Arsenic	488	ug/L	50.0	1	11/15/14 15:42	11/18/14 09:55	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/15/14 15:42	11/18/14 09:55	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/15/14 15:42	11/18/14 09:55	7440-43-9	
Chromium	155	ug/L	25.0	1	11/15/14 15:42	11/18/14 09:55	7440-47-3	
Cobalt	29.8	ug/L	25.0	1	11/15/14 15:42	11/18/14 09:55	7440-48-4	
Copper	ND	ug/L	50.0	1	11/15/14 15:42	11/18/14 09:55	7440-50-8	
Iron	468000	ug/L	250	1	11/15/14 15:42	11/18/14 09:55	7439-89-6	
Lead	62.0	ug/L	25.0	1	11/15/14 15:42	11/18/14 09:55	7439-92-1	
Nickel	70.8	ug/L	25.0	1	11/15/14 15:42	11/18/14 09:55	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/15/14 15:42	11/18/14 09:55	7782-49-2	
Silver	ND	ug/L	35.0	1	11/15/14 15:42	11/18/14 09:55	7440-22-4	
Thallium	ND	ug/L	100	1	11/15/14 15:42	11/18/14 09:55	7440-28-0	
Zinc	3670	ug/L	250	1	11/15/14 15:42	11/18/14 09:55	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	379	ug/L	375	1	11/18/14 16:45	11/19/14 13:50	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:50	7440-36-0	
Arsenic, Dissolved	219	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:50	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/18/14 16:45	11/19/14 13:50	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:50	7440-43-9	
Chromium, Dissolved	67.5	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:50	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:50	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:50	7440-50-8	
Iron, Dissolved	76400	ug/L	250	1	11/18/14 16:45	11/19/14 13:50	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:50	7439-92-1	
Nickel, Dissolved	49.3	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:50	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/18/14 16:45	11/19/14 13:50	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/18/14 16:45	11/19/14 13:50	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/18/14 16:45	11/19/14 13:50	7440-28-0	
Zinc, Dissolved	498	ug/L	250	1	11/18/14 16:45	11/19/14 13:50	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND	ug/L	6.0	1	11/18/14 16:25	11/19/14 11:04	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	6.0	1	11/18/14 16:25	11/19/14 10:31	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/14/14 00:00	11/18/14 17:41	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/14/14 00:00	11/18/14 17:41	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/14/14 00:00	11/18/14 17:41	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/14/14 00:00	11/18/14 17:41	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/14/14 00:00	11/18/14 17:41	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/14/14 00:00	11/18/14 17:41		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Sample: T1-066		Lab ID: 60182582001	Collected: 11/13/14 11:00	Received: 11/14/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/14/14 00:00	11/18/14 17:41	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/14/14 00:00	11/18/14 17:41	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/14/14 00:00	11/18/14 17:41	87-86-5	
Phenol	2730 ug/L		500	1	11/14/14 00:00	11/18/14 17:41	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/14/14 00:00	11/18/14 17:41	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/14/14 00:00	11/18/14 17:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98 %		33-120	1	11/14/14 00:00	11/18/14 17:41	4165-60-0	
2-Fluorobiphenyl (S)	84 %		39-120	1	11/14/14 00:00	11/18/14 17:41	321-60-8	
Terphenyl-d14 (S)	87 %		45-120	1	11/14/14 00:00	11/18/14 17:41	1718-51-0	
Phenol-d6 (S)	31 %		11-120	1	11/14/14 00:00	11/18/14 17:41	13127-88-3	
2-Fluorophenol (S)	45 %		17-120	1	11/14/14 00:00	11/18/14 17:41	367-12-4	
2,4,6-Tribromophenol (S)	84 %		39-120	1	11/14/14 00:00	11/18/14 17:41	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	47000 ug/L		1000	100		11/19/14 17:54	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 17:54	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 17:54	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 17:54	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 17:54	74-83-9	
2-Butanone (MEK)	22100 ug/L		1000	100		11/19/14 17:54	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 17:54	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 17:54	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 17:54	67-66-3	
1,4-Dichlorobenzene	141 ug/L		100	100		11/19/14 17:54	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 17:54	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 17:54	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 17:54	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 17:54	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 17:54	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 17:54	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 17:54	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 17:54	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 17:54	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 17:54	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 17:54	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 17:54	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 17:54	1330-20-7	LS,N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	100		11/19/14 17:54	460-00-4	
Toluene-d8 (S)	99 %		80-120	100		11/19/14 17:54	2037-26-5	
1,2-Dichloroethane-d4 (S)	95 %		80-120	100		11/19/14 17:54	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 17:54		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	161 mg/L		5.0	1		11/18/14 14:40		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Sample: T1-066		Lab ID: 60182582001	Collected: 11/13/14 11:00	Received: 11/14/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	7860	mg/L	5.0	1		11/18/14 11:54		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		11/17/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	4720	mg/L	2.0	1	11/15/14 10:18	11/20/14 14:05		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	154	mg/L	5.0	50		11/15/14 15:33	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	20800	mg/L	2500	250		11/17/14 08:54		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Sample: TRIP BLANK		Lab ID: 60182582002	Collected: 11/13/14 11:00	Received: 11/14/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 19:47	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 19:47	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 19:47	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 19:47	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 19:47	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 19:47	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 19:47	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 19:47	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 19:47	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 19:47	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 19:47	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 19:47	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 19:47	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 19:47	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 19:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 19:47	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 19:47	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 19:47	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 19:47	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 19:47	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 19:47	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 19:47	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 19:47	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 19:47	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	1		11/19/14 19:47	460-00-4	
Toluene-d8 (S)	101 %		80-120	1		11/19/14 19:47	2037-26-5	
1,2-Dichloroethane-d4 (S)	93 %		80-120	1		11/19/14 19:47	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 19:47		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: MERP/9064

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182582001

METHOD BLANK: 1480704

Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/19/14 10:59	

LABORATORY CONTROL SAMPLE: 1480705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480706 1480707

Parameter	Units	60182582001		1480707		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	ug/L	ND	150	150	99.9	88.2	63	55	70-130	12	20 M1

MATRIX SPIKE SAMPLE: 1480708

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L		7.9	150	95.1	58	70-130 M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch:	MERP/9062	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182582001		

METHOD BLANK: 1480694 Matrix: Water
Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch:	MPRP/29813	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60182582001		

METHOD BLANK: 1479621 Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/17/14 17:10	
Antimony	ug/L	ND	10.0	11/17/14 17:10	
Arsenic	ug/L	ND	10.0	11/17/14 17:10	
Beryllium	ug/L	ND	1.0	11/17/14 17:10	
Cadmium	ug/L	ND	5.0	11/17/14 17:10	
Chromium	ug/L	ND	5.0	11/17/14 17:10	
Cobalt	ug/L	ND	5.0	11/17/14 17:10	
Copper	ug/L	ND	10.0	11/17/14 17:10	
Iron	ug/L	ND	50.0	11/17/14 17:10	
Lead	ug/L	ND	5.0	11/17/14 17:10	
Nickel	ug/L	ND	5.0	11/17/14 17:10	
Selenium	ug/L	ND	15.0	11/17/14 17:10	
Silver	ug/L	ND	7.0	11/17/14 17:10	
Thallium	ug/L	ND	20.0	11/17/14 17:10	
Zinc	ug/L	ND	50.0	11/17/14 17:10	

LABORATORY CONTROL SAMPLE: 1479622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9890	99	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1000	100	85-115	
Cadmium	ug/L	1000	1010	101	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1000	100	85-115	
Iron	ug/L	10000	9790	98	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1010	101	85-115	
Silver	ug/L	500	496	99	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1479623			1479624							
Parameter	Units	60182390001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits			
Aluminum	ug/L	6100	50000	50000	61500	62300	111	112	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5560	5370	111	107	70-130	3	20	
Arsenic	ug/L	362	5000	5000	5920	5740	111	108	70-130	3	20	
Beryllium	ug/L	ND	5000	5000	4950	5060	99	101	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5420	5300	108	106	70-130	2	20	
Chromium	ug/L	120	5000	5000	5080	5060	99	99	70-130	0	20	
Cobalt	ug/L	ND	5000	5000	5040	5060	100	101	70-130	1	20	
Copper	ug/L	61.0	5000	5000	5540	5360	109	106	70-130	3	20	
Iron	ug/L	320000	50000	50000	371000	380000	101	119	70-130	2	20	
Lead	ug/L	43.9	5000	5000	4950	4900	98	97	70-130	1	20	
Nickel	ug/L	60.2	5000	5000	5080	5040	100	100	70-130	1	20	
Selenium	ug/L	ND	5000	5000	5770	5550	115	111	70-130	4	20	
Silver	ug/L	ND	2500	2500	2650	2610	106	104	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4560	4540	91	91	70-130	0	20	
Zinc	ug/L	2310	5000	5000	7080	7240	95	99	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182582001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480777			1480778										
Parameter	Units	60182390001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182582001, 60182582002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182582001, 60182582002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

MATRIX SPIKE SAMPLE:		1481196					
Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2
1,2-Dichloroethane-d4 (S)	%				91	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch:	OEXT/47120	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60182582001		

METHOD BLANK: 1478593 Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/18/14 17:00	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/18/14 17:00	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/18/14 17:00	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/18/14 17:00	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/18/14 17:00	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/18/14 17:00	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/18/14 17:00	
Hexachloroethane	ug/L	ND	5.0	11/18/14 17:00	
Naphthalene	ug/L	ND	5.0	11/18/14 17:00	
Nitrobenzene	ug/L	ND	5.0	11/18/14 17:00	
Pentachlorophenol	ug/L	ND	5.0	11/18/14 17:00	
Phenol	ug/L	ND	5.0	11/18/14 17:00	
2,4,6-Tribromophenol (S)	%	92	39-120	11/18/14 17:00	
2-Fluorobiphenyl (S)	%	90	39-120	11/18/14 17:00	
2-Fluorophenol (S)	%	51	17-120	11/18/14 17:00	
Nitrobenzene-d5 (S)	%	91	33-120	11/18/14 17:00	
Phenol-d6 (S)	%	34	11-120	11/18/14 17:00	
Terphenyl-d14 (S)	%	94	45-120	11/18/14 17:00	

LABORATORY CONTROL SAMPLE: 1478594

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.8	86	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.2	94	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.4	77	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.0	70	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	51.6	103	40-133	
Hexachloro-1,3-butadiene	ug/L	50	39.5	79	44-116	
Hexachlorocyclopentadiene	ug/L	100	41.1	41	24-120	
Hexachloroethane	ug/L	50	40.6	81	43-113	
Naphthalene	ug/L	50	44.4	89	48-120	
Nitrobenzene	ug/L	50	46.7	93	48-120	
Pentachlorophenol	ug/L	50	52.1	104	47-120	
Phenol	ug/L	50	19.9	40	16-112	
2,4,6-Tribromophenol (S)	%			100	39-120	
2-Fluorobiphenyl (S)	%			96	39-120	
2-Fluorophenol (S)	%			53	17-120	
Nitrobenzene-d5 (S)	%			97	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			99	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

MATRIX SPIKE SAMPLE:		1478595					
Parameter	Units	60182466001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	54.3	40.9	75	44-120	
2,4,6-Trichlorophenol	ug/L	ND	54.3	26.2	48	50-120	M1
2-Methylphenol(o-Cresol)	ug/L	80.2	54.3	85.3	9	30-120	M1,N2
3&4-Methylphenol(m&p Cresol)	ug/L	21.4	54.3	37.2	29	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	54.3	28.0	52	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	54.3	39.3	72	39-116	
Hexachlorocyclopentadiene	ug/L	ND	109	16.8	15	11-120	
Hexachloroethane	ug/L	ND	54.3	54.7	101	40-113	
Naphthalene	ug/L	17.7	54.3	57.1	73	45-120	
Nitrobenzene	ug/L	ND	54.3	44.8	82	38-120	
Pentachlorophenol	ug/L	ND	54.3	7.0	13	43-135	M1
Phenol	ug/L	ND	54.3	13.6	25	13-112	
2,4,6-Tribromophenol (S)	%				48	39-120	
2-Fluorobiphenyl (S)	%				83	39-120	
2-Fluorophenol (S)	%				26	17-120	
Nitrobenzene-d5 (S)	%				83	33-120	
Phenol-d6 (S)	%				19	11-120	
Terphenyl-d14 (S)	%				92	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: WET/51602

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60182582001

METHOD BLANK: 1480746

Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/18/14 14:39	

LABORATORY CONTROL SAMPLE: 1480747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.7	102	78-114	

MATRIX SPIKE SAMPLE: 1480748

Parameter	Units	60182608001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	43	41.5	94	78-114	

SAMPLE DUPLICATE: 1480749

Parameter	Units	60182257001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	1.7J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: WET/51590

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182582001

METHOD BLANK: 1480486

Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/18/14 11:53	

SAMPLE DUPLICATE: 1480487

Parameter	Units	60182574002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	6.0	ND		10	

SAMPLE DUPLICATE: 1480489

Parameter	Units	60182591002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	5.0	6.0	18	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: WET/51562 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182582001

SAMPLE DUPLICATE: 1480141

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch: WET/51551

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182582001

METHOD BLANK: 1479471

Matrix: Water

Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/20/14 13:49	

LABORATORY CONTROL SAMPLE: 1479472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	172	87	85-115	

SAMPLE DUPLICATE: 1479473

Parameter	Units	60182595001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	18.2	17.2	5	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch:	WETA/31831	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182582001		

METHOD BLANK: 1478994 Matrix: Water
Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/15/14 14:59	

LABORATORY CONTROL SAMPLE: 1478995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	99	90-110	

MATRIX SPIKE SAMPLE: 1479000

Parameter	Units	60182126002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.6	79	90-110	M1

MATRIX SPIKE SAMPLE: 1479001

Parameter	Units	60182162001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.8	92	90-110	

SAMPLE DUPLICATE: 1479002

Parameter	Units	60182185003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.18	0.18	0	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

QC Batch:	WETA/31822	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182582001		

METHOD BLANK: 1478814 Matrix: Water
Associated Lab Samples: 60182582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/17/14 08:44	

LABORATORY CONTROL SAMPLE: 1478815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	53.3	107	90-110	

MATRIX SPIKE SAMPLE: 1478816

Parameter	Units	60182016007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	33.1	50	79.6	93	90-110	

MATRIX SPIKE SAMPLE: 1478818

Parameter	Units	60182481001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	21700	12500	32800	89	90-110	M1

SAMPLE DUPLICATE: 1478817

Parameter	Units	60182023001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	538	542	1	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

LS Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-066

Pace Project No.: 60182582

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182582001	T1-066	EPA 200.7	MPRP/29813	EPA 200.7	ICP/22331
60182582001	T1-066	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182582001	T1-066	EPA 245.1	MERP/9064	EPA 245.1	MERC/9016
60182582001	T1-066	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182582001	T1-066	EPA 625	OEXT/47120	EPA 625	MSSV/15194
60182582001	T1-066	EPA 624 Low	MSV/65858		
60182582002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182582001	T1-066	EPA 1664A	WET/51602		
60182582001	T1-066	SM 2540D	WET/51590		
60182582001	T1-066	SM 4500-H+B	WET/51562		
60182582001	T1-066	SM 5210B	WET/51551	SM 5210B	WET/51656
60182582001	T1-066	EPA 350.1	WETA/31831		
60182582001	T1-066	EPA 410.4	WETA/31822		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182582
60182582

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PIC

Thermometer Used: T-239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 3.8

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: pv 11/14/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13.
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 2.5 ml of HNO3 to BP3M. 6.0/3.0</u>
All containers needing preservation are found to be in compliance with EPA recommendation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: <u>VOA</u> , coliform, TOC, <u>D&G</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>pv</u> Lot # of added preservative <u>12513</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
		16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MD</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: ED Date/Time: _____

Comments/ Resolution: NO LONGER NEED THE EPA 1664 - CANCELED

Project Manager Review: [Signature]

Date: 11/14/14

November 24, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

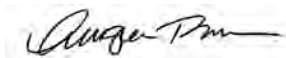
RE: Project: BRIDGETON LF T1-067
Pace Project No.: 60182679

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182679001	T1-067	Water	11/14/14 10:00	11/15/14 01:10
60182679002	TRIP BLANK	Water	11/14/14 10:00	11/15/14 01:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182679001	T1-067	EPA 200.7	SMW	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JML	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182679002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Sample: T1-067	Lab ID: 60182679001	Collected: 11/14/14 10:00	Received: 11/15/14 01:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	2810 ug/L		375	1	11/19/14 11:50	11/20/14 10:55	7429-90-5	
Antimony	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 10:55	7440-36-0	
Arsenic	271 ug/L		50.0	1	11/19/14 11:50	11/20/14 10:55	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/19/14 11:50	11/20/14 10:55	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 10:55	7440-43-9	
Chromium	85.2 ug/L		25.0	1	11/19/14 11:50	11/20/14 10:55	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 10:55	7440-48-4	
Copper	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 10:55	7440-50-8	
Iron	169000 ug/L		250	1	11/19/14 11:50	11/20/14 10:55	7439-89-6	
Lead	30.9 ug/L		25.0	1	11/19/14 11:50	11/20/14 10:55	7439-92-1	
Nickel	51.1 ug/L		25.0	1	11/19/14 11:50	11/20/14 10:55	7440-02-0	
Selenium	ND ug/L		75.0	1	11/19/14 11:50	11/20/14 10:55	7782-49-2	
Silver	ND ug/L		35.0	1	11/19/14 11:50	11/20/14 10:55	7440-22-4	
Thallium	ND ug/L		100	1	11/19/14 11:50	11/20/14 10:55	7440-28-0	
Zinc	2920 ug/L		250	1	11/19/14 11:50	11/20/14 10:55	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	458 ug/L		375	1	11/18/14 16:45	11/19/14 13:52	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 13:52	7440-36-0	
Arsenic, Dissolved	232 ug/L		50.0	1	11/18/14 16:45	11/19/14 13:52	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/18/14 16:45	11/19/14 13:52	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 13:52	7440-43-9	
Chromium, Dissolved	68.5 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:52	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 13:52	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 13:52	7440-50-8	
Iron, Dissolved	110000 ug/L		250	1	11/18/14 16:45	11/19/14 13:52	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 13:52	7439-92-1	
Nickel, Dissolved	45.1 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:52	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/18/14 16:45	11/19/14 13:52	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/18/14 16:45	11/19/14 13:52	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/18/14 16:45	11/19/14 13:52	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/18/14 16:45	11/19/14 13:52	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	7.9 ug/L		6.0	1	11/18/14 16:25	11/19/14 11:22	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/18/14 16:25	11/19/14 10:33	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/19/14 00:00	11/20/14 14:23	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/19/14 00:00	11/20/14 14:23	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		2000	1	11/19/14 00:00	11/20/14 14:23		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Sample: T1-067		Lab ID: 60182679001	Collected: 11/14/14 10:00	Received: 11/15/14 01:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	87-86-5	
Phenol	1660 ug/L		500	1	11/19/14 00:00	11/20/14 14:23	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87 %		33-120	1	11/19/14 00:00	11/20/14 14:23	4165-60-0	
2-Fluorobiphenyl (S)	74 %		39-120	1	11/19/14 00:00	11/20/14 14:23	321-60-8	
Terphenyl-d14 (S)	80 %		45-120	1	11/19/14 00:00	11/20/14 14:23	1718-51-0	
Phenol-d6 (S)	30 %		11-120	1	11/19/14 00:00	11/20/14 14:23	13127-88-3	
2-Fluorophenol (S)	38 %		17-120	1	11/19/14 00:00	11/20/14 14:23	367-12-4	
2,4,6-Tribromophenol (S)	74 %		39-120	1	11/19/14 00:00	11/20/14 14:23	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	39700 ug/L		1000	100		11/19/14 18:23	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 18:23	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 18:23	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 18:23	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 18:23	74-83-9	
2-Butanone (MEK)	16000 ug/L		1000	100		11/19/14 18:23	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 18:23	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 18:23	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 18:23	67-66-3	
1,4-Dichlorobenzene	147 ug/L		100	100		11/19/14 18:23	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 18:23	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:23	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:23	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 18:23	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 18:23	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 18:23	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 18:23	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 18:23	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 18:23	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 18:23	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 18:23	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 18:23	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 18:23	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	96 %		80-120	100		11/19/14 18:23	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/19/14 18:23	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	100		11/19/14 18:23	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 18:23		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	108 mg/L		5.0	1		11/18/14 14:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Sample: T1-067		Lab ID: 60182679001	Collected: 11/14/14 10:00	Received: 11/15/14 01:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	11200	mg/L	5.0	1		11/18/14 12:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		11/17/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	3420	mg/L	2.0	1	11/15/14 11:54	11/20/14 15:27		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	136	mg/L	5.0	50		11/17/14 12:53	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	18100	mg/L	2500	250		11/21/14 09:29		M1

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Sample: TRIP BLANK		Lab ID: 60182679002	Collected: 11/14/14 10:00	Received: 11/15/14 01:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 20:01	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 20:01	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 20:01	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 20:01	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 20:01	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 20:01	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 20:01	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 20:01	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 20:01	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 20:01	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 20:01	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:01	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:01	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 20:01	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 20:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 20:01	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 20:01	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 20:01	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 20:01	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:01	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:01	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 20:01	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 20:01	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 20:01	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	1		11/19/14 20:01	460-00-4	
Toluene-d8 (S)	102 %		80-120	1		11/19/14 20:01	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	1		11/19/14 20:01	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 20:01		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067
Pace Project No.: 60182679

QC Batch: MERP/9064 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
Associated Lab Samples: 60182679001

METHOD BLANK: 1480704 Matrix: Water
Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/19/14 10:59	

LABORATORY CONTROL SAMPLE: 1480705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480706 1480707

Parameter	Units	60182582001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	ug/L	ND	150	150	99.9	88.2	63	55	70-130	12	20	M1

MATRIX SPIKE SAMPLE: 1480708

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L		7.9	150	95.1	58	70-130 M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch:	MERP/9062	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182679001		

METHOD BLANK: 1480694 Matrix: Water
Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch:	MPRP/29858	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60182679001		

METHOD BLANK: 1481017 Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/20/14 10:41	
Antimony	ug/L	ND	10.0	11/20/14 10:41	
Arsenic	ug/L	ND	10.0	11/20/14 10:41	
Beryllium	ug/L	ND	1.0	11/20/14 10:41	
Cadmium	ug/L	ND	5.0	11/20/14 10:41	
Chromium	ug/L	ND	5.0	11/20/14 10:41	
Cobalt	ug/L	ND	5.0	11/20/14 10:41	
Copper	ug/L	ND	10.0	11/20/14 10:41	
Iron	ug/L	ND	50.0	11/20/14 10:41	
Lead	ug/L	ND	5.0	11/20/14 10:41	
Nickel	ug/L	ND	5.0	11/20/14 10:41	
Selenium	ug/L	ND	15.0	11/20/14 10:41	
Silver	ug/L	ND	7.0	11/20/14 10:41	
Thallium	ug/L	ND	20.0	11/20/14 10:41	
Zinc	ug/L	ND	50.0	11/20/14 10:41	

LABORATORY CONTROL SAMPLE: 1481018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	11000	110	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1140	114	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1010	101	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	11200	112	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	499	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1020	102	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1481019			1481020										
Parameter	Units	60182613001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	325	10000	10000	10300	10500	100	102	70-130	2	20		
Antimony	ug/L	ND	1000	1000	1050	1050	105	105	70-130	0	20		
Arsenic	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20		
Beryllium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	1	20		
Cadmium	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20		
Chromium	ug/L	ND	1000	1000	994	1000	99	100	70-130	1	20		
Cobalt	ug/L	ND	1000	1000	1030	1040	103	103	70-130	0	20		
Copper	ug/L	18.9	1000	1000	1050	1060	103	104	70-130	1	20		
Iron	ug/L	1040	10000	10000	11000	11200	100	101	70-130	1	20		
Lead	ug/L	ND	1000	1000	999	994	100	99	70-130	1	20		
Nickel	ug/L	ND	1000	1000	1030	1030	102	102	70-130	0	20		
Selenium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Silver	ug/L	ND	500	500	499	498	100	100	70-130	0	20		
Thallium	ug/L	ND	1000	1000	996	996	100	100	70-130	0	20		
Zinc	ug/L	199	1000	1000	1180	1180	98	98	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182679001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1480777		1480778									
Parameter	Units	60182390001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182679001, 60182679002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182679001, 60182679002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

MATRIX SPIKE SAMPLE:		1481196					
Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2
1,2-Dichloroethane-d4 (S)	%				91	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: OEXT/47179

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60182679001

METHOD BLANK: 1480912

Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/20/14 08:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/20/14 08:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/20/14 08:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/20/14 08:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachloroethane	ug/L	ND	5.0	11/20/14 08:49	
Naphthalene	ug/L	ND	5.0	11/20/14 08:49	
Nitrobenzene	ug/L	ND	5.0	11/20/14 08:49	
Pentachlorophenol	ug/L	ND	5.0	11/20/14 08:49	
Phenol	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Tribromophenol (S)	%	100	39-120	11/20/14 08:49	
2-Fluorobiphenyl (S)	%	95	39-120	11/20/14 08:49	
2-Fluorophenol (S)	%	55	17-120	11/20/14 08:49	
Nitrobenzene-d5 (S)	%	104	33-120	11/20/14 08:49	
Phenol-d6 (S)	%	36	11-120	11/20/14 08:49	
Terphenyl-d14 (S)	%	95	45-120	11/20/14 08:49	

LABORATORY CONTROL SAMPLE: 1480913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.1	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	45.9	92	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	37.4	75	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.7	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	46.4	93	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.3	77	44-116	
Hexachlorocyclopentadiene	ug/L	100	34.1	34	24-120	
Hexachloroethane	ug/L	50	37.0	74	43-113	
Naphthalene	ug/L	50	43.2	86	48-120	
Nitrobenzene	ug/L	50	48.4	97	48-120	
Pentachlorophenol	ug/L	50	37.7	75	47-120	
Phenol	ug/L	50	19.2	38	16-112	
2,4,6-Tribromophenol (S)	%			100	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			99	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

MATRIX SPIKE SAMPLE:		1480914					
Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	3450	69	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	3800	76	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	2960	59	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3950	55	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	2430J	49	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3270	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2400	24	11-120	
Hexachloroethane	ug/L	ND	5000	3110	62	40-113	
Naphthalene	ug/L	ND	5000	3690	71	45-120	
Nitrobenzene	ug/L	ND	5000	4210	84	38-120	
Pentachlorophenol	ug/L	ND	5000	3280	66	43-135	
Phenol	ug/L	1660	5000	3100	29	13-112	
2,4,6-Tribromophenol (S)	%				77	39-120	
2-Fluorobiphenyl (S)	%				77	39-120	
2-Fluorophenol (S)	%				39	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				29	11-120	
Terphenyl-d14 (S)	%				81	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch:	WET/51602	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182679001		

METHOD BLANK: 1480746 Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/18/14 14:39	

LABORATORY CONTROL SAMPLE: 1480747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.7	102	78-114	

MATRIX SPIKE SAMPLE: 1480748

Parameter	Units	60182608001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	43	41.5	94	78-114	

SAMPLE DUPLICATE: 1480749

Parameter	Units	60182257001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	1.7J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch:	WET/51592	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182679001		

METHOD BLANK: 1480492 Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/18/14 11:57	

SAMPLE DUPLICATE: 1480493

Parameter	Units	60182608001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	40.0	40.0	0	10	

SAMPLE DUPLICATE: 1480494

Parameter	Units	60182668001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: WET/51562 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182679001

SAMPLE DUPLICATE: 1480141

Parameter	Units	60182390001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	5	H6

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: WET/51552

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182679001

METHOD BLANK: 1479625

Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/20/14 15:15	

LABORATORY CONTROL SAMPLE: 1479626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	181	91	85-115	

SAMPLE DUPLICATE: 1479627

Parameter	Units	60182682001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	282	286	2	17	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: WETA/31874

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182679001

METHOD BLANK: 1480018

Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/17/14 12:22	

LABORATORY CONTROL SAMPLE: 1480019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	96	90-110	

MATRIX SPIKE SAMPLE: 1480021

Parameter	Units	60182549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	2.1	103	90-110	

MATRIX SPIKE SAMPLE: 1480022

Parameter	Units	60182591002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.16	2	1.8	83	90-110	M1

SAMPLE DUPLICATE: 1480020

Parameter	Units	60182434006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	3.3	3.3	1	18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

QC Batch: WETA/31921 Analysis Method: EPA 410.4
 QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
 Associated Lab Samples: 60182679001

METHOD BLANK: 1481782 Matrix: Water

Associated Lab Samples: 60182679001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/21/14 09:28	

LABORATORY CONTROL SAMPLE: 1481783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.8	100	90-110	

MATRIX SPIKE SAMPLE: 1481784

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	18100	12500	28800	86	90-110	M1

MATRIX SPIKE SAMPLE: 1481787

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	99.2	50	139	80	90-110	M1

SAMPLE DUPLICATE: 1481785

Parameter	Units	60182733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	15900	15200	5	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| H6 | Analysis initiated outside of the 15 minute EPA recommended holding time. |
| L0 | Analyte recovery in the laboratory control sample (LCS) was outside QC limits. |
| L3 | Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| LS | Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold TNI accreditation for this parameter. |
| R1 | RPD value was outside control limits. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-067

Pace Project No.: 60182679

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182679001	T1-067	EPA 200.7	MPRP/29858	EPA 200.7	ICP/22371
60182679001	T1-067	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182679001	T1-067	EPA 245.1	MERP/9064	EPA 245.1	MERC/9016
60182679001	T1-067	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182679001	T1-067	EPA 625	OEXT/47179	EPA 625	MSSV/15209
60182679001	T1-067	EPA 624 Low	MSV/65858		
60182679002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182679001	T1-067	EPA 1664A	WET/51602		
60182679001	T1-067	SM 2540D	WET/51592		
60182679001	T1-067	SM 4500-H+B	WET/51562		
60182679001	T1-067	SM 5210B	WET/51552	SM 5210B	WET/51661
60182679001	T1-067	EPA 350.1	WETA/31874		
60182679001	T1-067	EPA 410.4	WETA/31921		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182679



60182679

Client Name: Barr Engineering

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other [x] Xroads

Tracking #: Pace Shipping Label Used? Yes [] No []

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [] Bubble Bags [x] Foam [x] None [] Other [x] ZPLC

Thermometer Used: T-239 / T-194

Type of Ice: Wet [x] Blue [] None [] Samples received on ice, cooling process has begun.

Cooler Temperature: 4.6

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: JB 11/15

Table with 17 rows and 2 columns. Row 1: Chain of Custody present: [x] Yes [] No [] N/A 1. Row 2: Chain of Custody filled out: [x] Yes [] No [] N/A 2. Row 3: Chain of Custody relinquished: [x] Yes [] No [] N/A 3. Row 4: Sampler name & signature on COC: [x] Yes [] No [] N/A 4. Row 5: Samples arrived within holding time: [x] Yes [] No [] N/A 5. Row 6: Short Hold Time analyses (<72hr): [x] Yes [] No [] N/A 6. BOD pH. Row 7: Rush Turn Around Time requested: [] Yes [x] No [] N/A 7. Row 8: Sufficient volume: [x] Yes [] No [] N/A 8. Row 9: Correct containers used: [x] Yes [] No [] N/A. Row 10: Pace containers used: [x] Yes [] No [] N/A 9. Row 11: Containers intact: [x] Yes [] No [] N/A 10. Row 12: Unpreserved 5035A soils frozen w/in 48hrs? [] Yes [] No [x] N/A 11. Row 13: Filtered volume received for dissolved tests? [] Yes [] No [x] N/A 12. Row 14: Sample labels match COC: [x] Yes [] No [] N/A. Row 15: Includes date/time/ID/analyses Matrix: DT 13. Row 16: All containers needing preservation have been checked. [x] Yes [] No [] N/A BOD initial pH 6.0 added 25ul Final pH 5.0. Row 17: All containers needing preservation are found to be in compliance with EPA recommendation. [] Yes [x] No [] N/A 14. Row 18: Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics [x] Yes [] No Initial when completed JB Lot # of added 12513 ->-19 preservative. Row 19: Trip Blank present: [x] Yes [] No [] N/A. Row 20: Pace Trip Blank lot # (if purchased): 11/7/14 15. Row 21: Headspace in VOA vials (>6mm): [] Yes [x] No [] N/A 16. Row 22: Project sampled in USDA Regulated Area: [] Yes [] No [x] N/A 17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 11/15/14



New Age/Landmark Mobile Laboratory Services

160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

B = Analyte is found in the associated blank as well as in the sample.

D = Compound identified in an analysis at a secondary dilution factor.

E = Compound's concentration exceeds the calibration range of the instrument at this dilution.

X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.

J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1744	T1-067	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-00-3	Chloroethane		UX-	ug/L	25	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-35-4	1,1-Dichloroethane		UX-	ug/L	5	2.36	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 67-64-1	Acetone	61000	D	ug/L	5000	778.04	11/14/2014	11/14/2014	11/14/2014	WG	500	NA	5.0	NA	SW8260B	NALD5292				
NAL13026-1744	T1-067	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 78-93-3	2-Butanone	9500	D	ug/L	5000	405.90	11/14/2014	11/14/2014	11/14/2014	WG	500	NA	5.0	NA	SW8260B	NALD5292				
NAL13026-1744	T1-067	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 71-43-2	Benzene	12		ug/L	5	0.68	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 108-88-3	Toluene	6.3		ug/L	5	1.05	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 108-10-1	4-Methyl-2-pentanone	580		ug/L	25	3.70	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 591-78-6	2-Hexanone	280		ug/L	25	3.45	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 100-41-4	Ethylbenzene	15		ug/L	5	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 108-90-7	Chlorobenzene	2.0	J	ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG XYLMP	p&m-Xylene	37		ug/L	10	1.31	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 95-47-6	o-Xylene	25		ug/L	5	0.64	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 100-42-5	Styrene	12		ug/L	5	1.01	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 98-82-8	Isopropylbenzene	14		ug/L	10	1.02	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 103-65-1	n-Propylbenzene	11		ug/L	10	1.35	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
NAL13026-1744	T1-067	ORG 108-67-8	1,3,5-Trimethylbenzene	27		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 95-63-6	1,2,4-Trimethylbenzene	140		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 541-73-1	1,3-Dichlorobenzene	1.6	J	ug/L	10	1.11	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 99-87-6	p-Isopropyltoluene	520		ug/L	10	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 106-46-7	1,4-Dichlorobenzene	200		ug/L	10	1.65	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 95-50-1	1,2-Dichlorobenzene	4.4	J	ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 104-51-8	n-Butylbenzene	17	J	ug/L	25	1.39	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 120-82-1	1,2,4-Trichlorobenzene	5.1	J	ug/L	25	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 91-20-3	Naphthalene	470		ug/L	25	2.80	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	ORG 87-61-6	1,2,3-Trichlorobenzene	2.9	J	ug/L	25	1.16	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293				
NAL13026-1744	T1-067	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293	50	96%		
NAL13026-1744	T1-067	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293	50	90%		
NAL13026-1744	T1-067	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293	50	90%		
NAL13026-1744	T1-067	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5293	50	108%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D111414CCVA	D111414CCVA	ORG 75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	104%		
D111414CCVA	D111414CCVA	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	76%		
D111414CCVA	D111414CCVA	ORG 75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 74-83-9	Bromomethane	50		ug/L	5	0.50	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 75-00-3	Chloroethane	28		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	56%		
D111414CCVA	D111414CCVA	ORG 75-69-4	Trichlorofluoromethane	83		ug/L	5	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	166%		
D111414CCVA	D111414CCVA	ORG 75-35-4	1,1-Dichloroethene	31		ug/L	1	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	62%		
D111414CCVA	D111414CCVA	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	94%		
D111414CCVA	D111414CCVA	ORG 67-64-1	Acetone	53		ug/L	10	1.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	106%		
D111414CCVA	D111414CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	102%		
D111414CCVA	D111414CCVA	ORG 1634-04-4	MTBE	59		ug/L	5	0.61	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	118%		
D111414CCVA	D111414CCVA	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	92%		
D111414CCVA	D111414CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	59		ug/L	1	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	118%		
D111414CCVA	D111414CCVA	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	106%		
D111414CCVA	D111414CCVA	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	94%		
D111414CCVA	D111414CCVA	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	104%		
D111414CCVA	D111414CCVA	ORG 78-93-3	2-Butanone	46		ug/L	1	0.81	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	92%		
D111414CCVA	D111414CCVA	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	110%		
D111414CCVA	D111414CCVA	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 107-06-2	1,2-Dichloroethane	45		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	90%		
D111414CCVA	D111414CCVA	ORG 79-01-6	Trichloroethene	53		ug/L	1	0.36	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	106%		
D111414CCVA	D111414CCVA	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 75-27-4	Bromodichloromethane	45		ug/L	2	0.12	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	90%		
D111414CCVA	D111414CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	55		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	110%		
D111414CCVA	D111414CCVA	ORG 108-88-3	Toluene	45		ug/L	1	0.21	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	90%		
D111414CCVA	D111414CCVA	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	108%		
D111414CCVA	D111414CCVA	ORG 127-18-4	Tetrachloroethene	52		ug/L	1	0.49	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	104%		
D111414CCVA	D111414CCVA	ORG 79-00-5	1,1,2-Trichloroethane	42		ug/L	1	0.34	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	84%		
D111414CCVA	D111414CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	102%		
D111414CCVA	D111414CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	102%		
D111414CCVA	D111414CCVA	ORG 591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	88%		
D111414CCVA	D111414CCVA	ORG 100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	106%		
D111414CCVA	D111414CCVA	ORG 108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	94%		
D111414CCVA	D111414CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	51		ug/L	2	0.19	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	102%		
D111414CCVA	D111414CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	100	110%		
D111414CCVA	D111414CCVA	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	102%		
D111414CCVA	D111414CCVA	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	100%		
D111414CCVA	D111414CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	108%		
D111414CCVA	D111414CCVA	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	110%		
D111414CCVA	D111414CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	42		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	84%		
D111414CCVA	D111414CCVA	ORG 96-18-4	1,2,3-Trichloropropane	41		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5289	50	82%		

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D111414CCVA	D111414CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	100%		
D111414CCVA	D111414CCVA	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	106%		
D111414CCVA	D111414CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	102%		
D111414CCVA	D111414CCVA	ORG 135-98-8	sec-Butylbenzene	52		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	104%		
D111414CCVA	D111414CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	106%		
D111414CCVA	D111414CCVA	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	106%		
D111414CCVA	D111414CCVA	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	96%		
D111414CCVA	D111414CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	106%		
D111414CCVA	D111414CCVA	ORG 104-51-8	n-Butylbenzene	51		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	102%		
D111414CCVA	D111414CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	98%		
D111414CCVA	D111414CCVA	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	104%		
D111414CCVA	D111414CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	48		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	96%		
D111414CCVA	D111414CCVA	ORG 91-20-3	Naphthalene	47		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	94%		
D111414CCVA	D111414CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	100%		
D111414CCVA	D111414CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	100%		
D111414CCVA	D111414CCVA	STD 17060-07-0	1,2-Dichloroethane d4	43		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	86%		
D111414CCVA	D111414CCVA	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	92%		
D111414CCVA	D111414CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5289	50	106%		



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D111414MBKA	D111414MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					
D111414MBKA	D111414MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U	ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291					

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D111414MBKA	D111414MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291				
D111414MBKA	D111414MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291	50	98%		
D111414MBKA	D111414MBKA	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291	50	96%		
D111414MBKA	D111414MBKA	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291	50	96%		
D111414MBKA	D111414MBKA	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5291	50	110%		



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D111414ALCS	D111414ALCS	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	96%		
D111414ALCS	D111414ALCS	ORG 74-87-3	Chloromethane	36		ug/L	5	0.43	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	72%		
D111414ALCS	D111414ALCS	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	90%		
D111414ALCS	D111414ALCS	ORG 74-83-9	Bromomethane	44		ug/L	5	0.50	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		
D111414ALCS	D111414ALCS	ORG 75-00-3	Chloroethane	28		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	56%		
D111414ALCS	D111414ALCS	ORG 75-69-4	Trichlorofluoromethane	80		ug/L	5	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	160%		
D111414ALCS	D111414ALCS	ORG 75-35-4	1,1-Dichloroethene	30		ug/L	1	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	60%		
D111414ALCS	D111414ALCS	ORG 75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	90%		
D111414ALCS	D111414ALCS	ORG 67-64-1	Acetone	75		ug/L	10	1.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	150%		
D111414ALCS	D111414ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	100%		
D111414ALCS	D111414ALCS	ORG 1634-04-4	MTBE	58		ug/L	5	0.61	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	116%		
D111414ALCS	D111414ALCS	ORG 75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	92%		
D111414ALCS	D111414ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	116%		
D111414ALCS	D111414ALCS	ORG 74-97-5	Bromochloromethane	56		ug/L	10	0.41	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	112%		
D111414ALCS	D111414ALCS	ORG 67-66-3	Chloroform	48		ug/L	2	0.16	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	96%		
D111414ALCS	D111414ALCS	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	106%		
D111414ALCS	D111414ALCS	ORG 56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	108%		
D111414ALCS	D111414ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	100%		
D111414ALCS	D111414ALCS	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	92%		
D111414ALCS	D111414ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	104%		
D111414ALCS	D111414ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	104%		
D111414ALCS	D111414ALCS	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG 75-27-4	Bromodichloromethane	44		ug/L	2	0.12	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		
D111414ALCS	D111414ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	106%		
D111414ALCS	D111414ALCS	ORG 108-88-3	Toluene	44		ug/L	1	0.21	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		
D111414ALCS	D111414ALCS	ORG 108-10-1	4-Methyl-2-pentanone	54		ug/L	5	0.74	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	108%		
D111414ALCS	D111414ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	108%		
D111414ALCS	D111414ALCS	ORG 127-18-4	Tetrachloroethene	51		ug/L	1	0.49	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG 79-00-5	1,1,2-Trichloroethane	44		ug/L	1	0.34	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		
D111414ALCS	D111414ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG 106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	106%		
D111414ALCS	D111414ALCS	ORG 591-78-6	2-Hexanone	55		ug/L	2	0.69	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	110%		
D111414ALCS	D111414ALCS	ORG 100-41-4	Ethylbenzene	52		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	104%		
D111414ALCS	D111414ALCS	ORG 108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	94%		
D111414ALCS	D111414ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	51		ug/L	2	0.19	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	100	110%		
D111414ALCS	D111414ALCS	ORG 95-47-6	o-Xylene	51		ug/L	1	0.13	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	102%		
D111414ALCS	D111414ALCS	ORG 100-42-5	Styrene	49		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	98%		
D111414ALCS	D111414ALCS	ORG 75-25-2	Bromoform	52		ug/L	2	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	104%		
D111414ALCS	D111414ALCS	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	106%		
D111414ALCS	D111414ALCS	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	110%		
D111414ALCS	D111414ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	44		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		
D111414ALCS	D111414ALCS	ORG 96-18-4	1,2,3-Trichloropropane	44		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5290	50	88%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D111414ALCS	D111414ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	100%		
D111414ALCS	D111414ALCS	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	104%		
D111414ALCS	D111414ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	50		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	100%		
D111414ALCS	D111414ALCS	ORG 135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	102%		
D111414ALCS	D111414ALCS	ORG 541-73-1	1,3-Dichlorobenzene	52		ug/L	2	0.22	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	104%		
D111414ALCS	D111414ALCS	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	104%		
D111414ALCS	D111414ALCS	ORG 106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	96%		
D111414ALCS	D111414ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	106%		
D111414ALCS	D111414ALCS	ORG 104-51-8	n-Butylbenzene	50		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	100%		
D111414ALCS	D111414ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	110%		
D111414ALCS	D111414ALCS	ORG 87-68-3	Hexachlorobutadiene	51		ug/L	5	0.65	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	102%		
D111414ALCS	D111414ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	49		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	98%		
D111414ALCS	D111414ALCS	ORG 91-20-3	Naphthalene	53		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	106%		
D111414ALCS	D111414ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	106%		
D111414ALCS	D111414ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	102%		
D111414ALCS	D111414ALCS	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	88%		
D111414ALCS	D111414ALCS	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	90%		
D111414ALCS	D111414ALCS	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5290	50	106%		



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D111414ALCD	D111414ALCD	ORG 75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	104%	8%	
D111414ALCD	D111414ALCD	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	82%	13%	
D111414ALCD	D111414ALCD	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	96%	6%	
D111414ALCD	D111414ALCD	ORG 74-83-9	Bromomethane	39		ug/L	5	0.50	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	78%	12%	
D111414ALCD	D111414ALCD	ORG 75-00-3	Chloroethane	31		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	62%	10%	
D111414ALCD	D111414ALCD	ORG 75-69-4	Trichlorofluoromethane	59		ug/L	5	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	118%	30%	
D111414ALCD	D111414ALCD	ORG 75-35-4	1,1-Dichloroethene	37		ug/L	1	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	74%	21%	
D111414ALCD	D111414ALCD	ORG 75-09-2	Methylene chloride	26		ug/L	5	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	52%	54%	
D111414ALCD	D111414ALCD	ORG 67-64-1	Acetone	55		ug/L	10	1.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	110%	31%	
D111414ALCD	D111414ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	55		ug/L	1	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	110%	10%	
D111414ALCD	D111414ALCD	ORG 1634-04-4	MTBE	63		ug/L	5	0.61	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	126%	8%	
D111414ALCD	D111414ALCD	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	102%	10%	
D111414ALCD	D111414ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	64		ug/L	1	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	128%	10%	
D111414ALCD	D111414ALCD	ORG 74-97-5	Bromochloromethane	60		ug/L	10	0.41	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	120%	7%	
D111414ALCD	D111414ALCD	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	104%	8%	
D111414ALCD	D111414ALCD	ORG 71-55-6	1,1,1-Trichloroethane	56		ug/L	1	0.17	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	112%	9%	
D111414ALCD	D111414ALCD	ORG 78-93-3	2-Butanone	57		ug/L	1	0.81	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	114%	7%	
D111414ALCD	D111414ALCD	ORG 56-23-5	Carbon tetrachloride	59		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	118%	9%	
D111414ALCD	D111414ALCD	ORG 71-43-2	Benzene	55		ug/L	1	0.14	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	110%	10%	
D111414ALCD	D111414ALCD	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	102%	10%	
D111414ALCD	D111414ALCD	ORG 79-01-6	Trichloroethene	58		ug/L	1	0.36	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	116%	11%	
D111414ALCD	D111414ALCD	ORG 74-95-3	Dibromomethane	58		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	116%	11%	
D111414ALCD	D111414ALCD	ORG 78-87-5	1,2-Dichloropropane	56		ug/L	1	0.18	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	112%	9%	
D111414ALCD	D111414ALCD	ORG 75-27-4	Bromodichloromethane	48		ug/L	2	0.12	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	96%	9%	
D111414ALCD	D111414ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	57		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	114%	7%	
D111414ALCD	D111414ALCD	ORG 108-88-3	Toluene	47		ug/L	1	0.21	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	94%	7%	
D111414ALCD	D111414ALCD	ORG 108-10-1	4-Methyl-2-pentanone	57		ug/L	5	0.74	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	114%	5%	
D111414ALCD	D111414ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	59		ug/L	1	0.31	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	118%	9%	
D111414ALCD	D111414ALCD	ORG 127-18-4	Tetrachloroethene	60		ug/L	1	0.49	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	120%	16%	
D111414ALCD	D111414ALCD	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	96%	9%	
D111414ALCD	D111414ALCD	ORG 124-48-1	Dibromochloromethane	56		ug/L	5	0.30	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	112%	9%	
D111414ALCD	D111414ALCD	ORG 106-93-4	1,2-Dibromoethane	57		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	114%	7%	
D111414ALCD	D111414ALCD	ORG 591-78-6	2-Hexanone	55		ug/L	2	0.69	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	110%	0%	
D111414ALCD	D111414ALCD	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	110%	6%	
D111414ALCD	D111414ALCD	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	100%	6%	
D111414ALCD	D111414ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	108%	6%	
D111414ALCD	D111414ALCD	ORG XYLMP	p&mn-Xylene	110		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	100	110%	0%	
D111414ALCD	D111414ALCD	ORG 95-47-6	o-Xylene	54		ug/L	1	0.13	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	108%	6%	
D111414ALCD	D111414ALCD	ORG 100-42-5	Styrene	53		ug/L	1	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	106%	8%	
D111414ALCD	D111414ALCD	ORG 75-25-2	Bromoform	56		ug/L	2	0.47	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	112%	7%	
D111414ALCD	D111414ALCD	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	112%	6%	
D111414ALCD	D111414ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	116%	5%	
D111414ALCD	D111414ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	98%	11%	
D111414ALCD	D111414ALCD	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5295	50	96%	9%	

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D111414ALCD	D111414ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	106%	6%	
D111414ALCD	D111414ALCD	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	108%	4%	
D111414ALCD	D111414ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	106%	6%	
D111414ALCD	D111414ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	110%	8%	
D111414ALCD	D111414ALCD	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	112%	7%	
D111414ALCD	D111414ALCD	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	110%	6%	
D111414ALCD	D111414ALCD	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	102%	6%	
D111414ALCD	D111414ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	112%	6%	
D111414ALCD	D111414ALCD	ORG 104-51-8	n-Butylbenzene	53		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	106%	6%	
D111414ALCD	D111414ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	116%	5%	
D111414ALCD	D111414ALCD	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	104%	2%	
D111414ALCD	D111414ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	104%	6%	
D111414ALCD	D111414ALCD	ORG 91-20-3	Naphthalene	57		ug/L	5	0.56	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	114%	7%	
D111414ALCD	D111414ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	112%	6%	
D111414ALCD	D111414ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	104%	2%	
D111414ALCD	D111414ALCD	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	90%	2%	
D111414ALCD	D111414ALCD	STD 2037-26-5	Toluene d8	45		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	90%	0%	
D111414ALCD	D111414ALCD	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/14/2014	11/14/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5295	50	106%	0%	



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ATTN: Brian Power

FINAL ANALYTICAL REPORT

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1744MS	T1-067	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	96%		
NAL13026-1744MS	T1-067	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	80%		
NAL13026-1744MS	T1-067	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	92%		
NAL13026-1744MS	T1-067	ORG 74-83-9	Bromomethane	160		ug/L	25	2.50	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	64%		
NAL13026-1744MS	T1-067	ORG 75-00-3	Chloroethane	160		ug/L	25	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	64%		
NAL13026-1744MS	T1-067	ORG 75-69-4	Trichlorofluoromethane	230		ug/L	25	0.98	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	92%		
NAL13026-1744MS	T1-067	ORG 75-35-4	1,1-Dichloroethene	150		ug/L	5	2.36	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	60%		
NAL13026-1744MS	T1-067	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	96%		
NAL13026-1744MS	T1-067	ORG 67-64-1	Acetone	43000		ug/L	50	7.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	-7200%		61000
NAL13026-1744MS	T1-067	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	104%		
NAL13026-1744MS	T1-067	ORG 1634-04-4	MTBE	300		ug/L	25	3.06	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	120%		
NAL13026-1744MS	T1-067	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	96%		
NAL13026-1744MS	T1-067	ORG 156-59-2	cis-1,2-Dichloroethene	320		ug/L	5	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	128%		
NAL13026-1744MS	T1-067	ORG 74-97-5	Bromochloromethane	280		ug/L	50	2.07	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	112%		
NAL13026-1744MS	T1-067	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	100%		
NAL13026-1744MS	T1-067	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	108%		
NAL13026-1744MS	T1-067	ORG 78-93-3	2-Butanone	13000		ug/L	5	4.06	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	1400%		9500
NAL13026-1744MS	T1-067	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	112%		
NAL13026-1744MS	T1-067	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	103%		12
NAL13026-1744MS	T1-067	ORG 107-06-2	1,2-Dichloroethane	270		ug/L	5	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	96%		
NAL13026-1744MS	T1-067	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	108%		
NAL13026-1744MS	T1-067	ORG 74-95-3	Dibromomethane	300		ug/L	10	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	120%		
NAL13026-1744MS	T1-067	ORG 78-87-5	1,2-Dichloropropane	280		ug/L	5	0.91	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	112%		
NAL13026-1744MS	T1-067	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	88%		
NAL13026-1744MS	T1-067	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	104%		
NAL13026-1744MS	T1-067	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	85%		6.3
NAL13026-1744MS	T1-067	ORG 108-10-1	4-Methyl-2-pentanone	850		ug/L	25	3.70	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	108%		580
NAL13026-1744MS	T1-067	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	104%		
NAL13026-1744MS	T1-067	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	100%		
NAL13026-1744MS	T1-067	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	92%		
NAL13026-1744MS	T1-067	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	100%		
NAL13026-1744MS	T1-067	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	108%		
NAL13026-1744MS	T1-067	ORG 591-78-6	2-Hexanone	380		ug/L	10	3.45	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	40%		280
NAL13026-1744MS	T1-067	ORG 100-41-4	Ethylbenzene	270		ug/L	5	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	102%		15
NAL13026-1744MS	T1-067	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	91%		2.0
NAL13026-1744MS	T1-067	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	96%		
NAL13026-1744MS	T1-067	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	500	103%		37
NAL13026-1744MS	T1-067	ORG 95-47-6	o-Xylene	280		ug/L	5	0.64	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	102%		25
NAL13026-1744MS	T1-067	ORG 100-42-5	Styrene	260		ug/L	5	1.01	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	99%		12
NAL13026-1744MS	T1-067	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	100%		
NAL13026-1744MS	T1-067	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	102%		14
NAL13026-1744MS	T1-067	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	108%		11
NAL13026-1744MS	T1-067	ORG 79-34-5	1,1,2,2-Tetrachloroethane	250		ug/L	10	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	100%		
NAL13026-1744MS	T1-067	ORG 96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5296	250	88%		

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NAL13026-1744MS	T1-067	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	93%		27
NAL13026-1744MS	T1-067	ORG 98-06-6	tert-Butylbenzene	250		ug/L	10	1.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	100%		
NAL13026-1744MS	T1-067	ORG 95-63-6	1,2,4-Trimethylbenzene	370		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	92%		140
NAL13026-1744MS	T1-067	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	104%		
NAL13026-1744MS	T1-067	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	103%		1.6
NAL13026-1744MS	T1-067	ORG 99-87-6	p-Isopropyltoluene	690		ug/L	10	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	68%		520
NAL13026-1744MS	T1-067	ORG 106-46-7	1,4-Dichlorobenzene	430		ug/L	10	1.65	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	92%		200
NAL13026-1744MS	T1-067	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	106%		4.4
NAL13026-1744MS	T1-067	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	97%		17
NAL13026-1744MS	T1-067	ORG 96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	128%		
NAL13026-1744MS	T1-067	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	80%		
NAL13026-1744MS	T1-067	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	94%		5.1
NAL13026-1744MS	T1-067	ORG 91-20-3	Naphthalene	690		ug/L	25	2.80	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	88%		470
NAL13026-1744MS	T1-067	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	250	95%		2.9
NAL13026-1744MS	T1-067	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	50	106%		
NAL13026-1744MS	T1-067	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	50	90%		
NAL13026-1744MS	T1-067	STD 2037-26-5	Toluene d8	43		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	50	86%		
NAL13026-1744MS	T1-067	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5296	50	106%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1744MSD	T1-067	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	0%	
NAL13026-1744MSD	T1-067	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	80%	0%	
NAL13026-1744MSD	T1-067	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	4%	
NAL13026-1744MSD	T1-067	ORG 74-83-9	Bromomethane	190		ug/L	25	2.50	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	76%	17%	
NAL13026-1744MSD	T1-067	ORG 75-00-3	Chloroethane	140		ug/L	25	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	56%	13%	
NAL13026-1744MSD	T1-067	ORG 75-69-4	Trichlorofluoromethane	250		ug/L	25	0.98	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	100%	8%	
NAL13026-1744MSD	T1-067	ORG 75-35-4	1,1-Dichloroethene	160		ug/L	5	2.36	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	64%	6%	
NAL13026-1744MSD	T1-067	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	92%	4%	
NAL13026-1744MSD	T1-067	ORG 67-64-1	Acetone	42000		ug/L	50	7.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	-7600%	2%	61000
NAL13026-1744MSD	T1-067	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	104%	0%	
NAL13026-1744MSD	T1-067	ORG 1634-04-4	MTBE	310		ug/L	25	3.06	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	124%	3%	
NAL13026-1744MSD	T1-067	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	0%	
NAL13026-1744MSD	T1-067	ORG 156-59-2	cis-1,2-Dichloroethene	310		ug/L	5	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	124%	3%	
NAL13026-1744MSD	T1-067	ORG 74-97-5	Bromochloromethane	270		ug/L	50	2.07	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	108%	4%	
NAL13026-1744MSD	T1-067	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	100%	0%	
NAL13026-1744MSD	T1-067	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	108%	0%	
NAL13026-1744MSD	T1-067	ORG 78-93-3	2-Butanone	13000		ug/L	5	4.06	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	1400%	0%	9500
NAL13026-1744MSD	T1-067	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	112%	0%	
NAL13026-1744MSD	T1-067	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	103%	0%	12
NAL13026-1744MSD	T1-067	ORG 107-06-2	1,2-Dichloroethane	270		ug/L	5	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	0%	
NAL13026-1744MSD	T1-067	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	108%	0%	
NAL13026-1744MSD	T1-067	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	112%	7%	
NAL13026-1744MSD	T1-067	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	108%	4%	
NAL13026-1744MSD	T1-067	ORG 75-27-4	Bromodichloromethane	220		ug/L	10	0.58	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	88%	0%	
NAL13026-1744MSD	T1-067	ORG 10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	104%	0%	
NAL13026-1744MSD	T1-067	ORG 108-88-3	Toluene	220		ug/L	5	1.05	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	85%	0%	6.3
NAL13026-1744MSD	T1-067	ORG 108-10-1	4-Methyl-2-pentanone	820		ug/L	25	3.70	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	4%	580
NAL13026-1744MSD	T1-067	ORG 10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	104%	0%	
NAL13026-1744MSD	T1-067	ORG 127-18-4	Tetrachloroethene	250		ug/L	5	2.43	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	100%	0%	
NAL13026-1744MSD	T1-067	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	92%	0%	
NAL13026-1744MSD	T1-067	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	100%	0%	
NAL13026-1744MSD	T1-067	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	108%	0%	
NAL13026-1744MSD	T1-067	ORG 591-78-6	2-Hexanone	400		ug/L	10	3.45	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	48%	5%	280
NAL13026-1744MSD	T1-067	ORG 100-41-4	Ethylbenzene	260		ug/L	5	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	98%	4%	15
NAL13026-1744MSD	T1-067	ORG 108-90-7	Chlorobenzene	230		ug/L	5	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	91%	0%	2.0
NAL13026-1744MSD	T1-067	ORG 630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	0%	
NAL13026-1744MSD	T1-067	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	500	103%	0%	37
NAL13026-1744MSD	T1-067	ORG 95-47-6	o-Xylene	270		ug/L	5	0.64	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	98%	4%	25
NAL13026-1744MSD	T1-067	ORG 100-42-5	Styrene	250		ug/L	5	1.01	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	95%	4%	12
NAL13026-1744MSD	T1-067	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	100%	0%	
NAL13026-1744MSD	T1-067	ORG 98-82-8	Isopropylbenzene	270		ug/L	10	1.02	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	102%	0%	14
NAL13026-1744MSD	T1-067	ORG 103-65-1	n-Propylbenzene	270		ug/L	10	1.35	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	104%	4%	11
NAL13026-1744MSD	T1-067	ORG 79-34-5	1,1,2,2-Tetrachloroethane	240		ug/L	10	1.46	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	96%	4%	
NAL13026-1744MSD	T1-067	ORG 96-18-4	1,2,3-Trichloropropane	210		ug/L	10	1.47	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5297	250	84%	5%	

FINAL ANALYTICAL REPORT

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 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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NAL13026-1744MSD	T1-067	ORG 108-67-8	1,3,5-Trimethylbenzene	260		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	93%	0%	27
NAL13026-1744MSD	T1-067	ORG 98-06-6	tert-Butylbenzene	250		ug/L	10	1.63	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	100%	0%	
NAL13026-1744MSD	T1-067	ORG 95-63-6	1,2,4-Trimethylbenzene	370		ug/L	10	1.00	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	92%	0%	140
NAL13026-1744MSD	T1-067	ORG 135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	104%	0%	
NAL13026-1744MSD	T1-067	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	103%	0%	1.6
NAL13026-1744MSD	T1-067	ORG 99-87-6	p-Isopropyltoluene	680		ug/L	10	1.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	64%	1%	520
NAL13026-1744MSD	T1-067	ORG 106-46-7	1,4-Dichlorobenzene	420		ug/L	10	1.65	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	88%	2%	200
NAL13026-1744MSD	T1-067	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	102%	4%	4.4
NAL13026-1744MSD	T1-067	ORG 104-51-8	n-Butylbenzene	260		ug/L	25	1.39	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	97%	0%	17
NAL13026-1744MSD	T1-067	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	120%	6%	
NAL13026-1744MSD	T1-067	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	80%	0%	
NAL13026-1744MSD	T1-067	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	94%	0%	5.1
NAL13026-1744MSD	T1-067	ORG 91-20-3	Naphthalene	670		ug/L	25	2.80	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	80%	3%	470
NAL13026-1744MSD	T1-067	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	250	95%	0%	2.9
NAL13026-1744MSD	T1-067	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	50	106%	0%	
NAL13026-1744MSD	T1-067	STD 17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	50	88%	2%	
NAL13026-1744MSD	T1-067	STD 2037-26-5	Toluene d8	44		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	50	88%	2%	
NAL13026-1744MSD	T1-067	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/14/2014	11/14/2014	11/14/2014	WG	5	NA	5.0	NA	SW8260B	NALD5297	50	106%	0%	



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FINAL ANALYTICAL REPORT

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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1745	T1-068	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 67-64-1	Acetone	64000	D	ug/L	5000	778.04	11/15/2014	11/15/2014	11/15/2014	WG	500	NA	5.0	NA	SW8260B	NALD5321				
NAL13026-1745	T1-068	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 78-93-3	2-Butanone	17000	D	ug/L	5000	405.90	11/15/2014	11/15/2014	11/15/2014	WG	500	NA	5.0	NA	SW8260B	NALD5321				
NAL13026-1745	T1-068	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 71-43-2	Benzene	16		ug/L	5	0.68	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 108-88-3	Toluene	12		ug/L	5	1.05	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 108-10-1	4-Methyl-2-pentanone	760		ug/L	25	3.70	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 591-78-6	2-Hexanone	480		ug/L	25	3.45	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 100-41-4	Ethylbenzene	29		ug/L	5	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 108-90-7	Chlorobenzene	3.4	J	ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG XYLMP	p&m-Xylene	76		ug/L	10	1.31	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 95-47-6	o-Xylene	59		ug/L	5	0.64	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 100-42-5	Styrene	6.9		ug/L	5	1.01	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 98-82-8	Isopropylbenzene	12		ug/L	10	1.02	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1745	T1-068	ORG 108-67-8	1,3,5-Trimethylbenzene	46		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 95-63-6	1,2,4-Trimethylbenzene	280		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 541-73-1	1,3-Dichlorobenzene	2.5	J	ug/L	10	1.11	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 99-87-6	p-Isopropyltoluene	990		ug/L	10	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 106-46-7	1,4-Dichlorobenzene	400		ug/L	10	1.65	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 95-50-1	1,2-Dichlorobenzene	6.8	J	ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 104-51-8	n-Butylbenzene	22	J	ug/L	25	1.39	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 120-82-1	1,2,4-Trichlorobenzene	7.5	J	ug/L	25	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 91-20-3	Naphthalene	700		ug/L	25	2.80	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	ORG 87-61-6	1,2,3-Trichlorobenzene	2.6	J	ug/L	25	1.16	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324				
NAL13026-1745	T1-068	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324	50	98%		
NAL13026-1745	T1-068	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324	50	96%		
NAL13026-1745	T1-068	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324	50	98%		
NAL13026-1745	T1-068	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5324	50	100%		



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D111514CCVA	D111514CCVA	ORG 75-71-8	Dichlorodifluoromethane	51		ug/L	5	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 74-87-3	Chloromethane	51		ug/L	5	0.43	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	112%		
D111514CCVA	D111514CCVA	ORG 74-83-9	Bromomethane	53		ug/L	5	0.50	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	106%		
D111514CCVA	D111514CCVA	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	110%		
D111514CCVA	D111514CCVA	ORG 75-69-4	Trichlorofluoromethane	91		ug/L	5	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	182%		
D111514CCVA	D111514CCVA	ORG 75-35-4	1,1-Dichloroethene	56		ug/L	1	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	112%		
D111514CCVA	D111514CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	100%		
D111514CCVA	D111514CCVA	ORG 67-64-1	Acetone	51		ug/L	10	1.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	92%		
D111514CCVA	D111514CCVA	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 71-55-6	1,1,1-Trichloroethane	54		ug/L	1	0.17	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 78-93-3	2-Butanone	45		ug/L	1	0.81	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	90%		
D111514CCVA	D111514CCVA	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	114%		
D111514CCVA	D111514CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		
D111514CCVA	D111514CCVA	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	106%		
D111514CCVA	D111514CCVA	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	100%		
D111514CCVA	D111514CCVA	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	106%		
D111514CCVA	D111514CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	100%		
D111514CCVA	D111514CCVA	ORG 127-18-4	Tetrachloroethene	40		ug/L	1	0.49	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	80%		
D111514CCVA	D111514CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 591-78-6	2-Hexanone	47		ug/L	2	0.69	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	94%		
D111514CCVA	D111514CCVA	ORG 100-41-4	Ethylbenzene	60		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	120%		
D111514CCVA	D111514CCVA	ORG 108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	114%		
D111514CCVA	D111514CCVA	ORG XYLMP	p&m-Xylene	120		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	100	120%		
D111514CCVA	D111514CCVA	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	122%		
D111514CCVA	D111514CCVA	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	122%		
D111514CCVA	D111514CCVA	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	94%		
D111514CCVA	D111514CCVA	ORG 98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	116%		
D111514CCVA	D111514CCVA	ORG 103-65-1	n-Propylbenzene	59		ug/L	2	0.27	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	118%		
D111514CCVA	D111514CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	102%		



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D111514CCVA	D111514CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	110%		
D111514CCVA	D111514CCVA	ORG 98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	116%		
D111514CCVA	D111514CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	110%		
D111514CCVA	D111514CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	114%		
D111514CCVA	D111514CCVA	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	112%		
D111514CCVA	D111514CCVA	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	112%		
D111514CCVA	D111514CCVA	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	108%		
D111514CCVA	D111514CCVA	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	116%		
D111514CCVA	D111514CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	96%		
D111514CCVA	D111514CCVA	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		
D111514CCVA	D111514CCVA	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	100%		
D111514CCVA	D111514CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	94%		
D111514CCVA	D111514CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	98%		
D111514CCVA	D111514CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5318	50	104%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111514MBKA	D111514MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				



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D111514MBKA	D111514MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320				
D111514MBKA	D111514MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320	50	98%		
D111514MBKA	D111514MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320	50	102%		
D111514MBKA	D111514MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320	50	104%		
D111514MBKA	D111514MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5320	50	108%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111514ALCS	D111514ALCS	ORG 75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	98%		
D111514ALCS	D111514ALCS	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		
D111514ALCS	D111514ALCS	ORG 75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 74-83-9	Bromomethane	57		ug/L	5	0.50	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	114%		
D111514ALCS	D111514ALCS	ORG 75-00-3	Chloroethane	53		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 75-69-4	Trichlorofluoromethane	78		ug/L	5	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	156%		
D111514ALCS	D111514ALCS	ORG 75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	92%		
D111514ALCS	D111514ALCS	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	98%		
D111514ALCS	D111514ALCS	ORG 67-64-1	Acetone	55		ug/L	10	1.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	110%		
D111514ALCS	D111514ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	92%		
D111514ALCS	D111514ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		
D111514ALCS	D111514ALCS	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		
D111514ALCS	D111514ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	114%		
D111514ALCS	D111514ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		
D111514ALCS	D111514ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	110%		
D111514ALCS	D111514ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	112%		
D111514ALCS	D111514ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	78%		
D111514ALCS	D111514ALCS	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		
D111514ALCS	D111514ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 591-78-6	2-Hexanone	53		ug/L	2	0.69	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	116%		
D111514ALCS	D111514ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	112%		
D111514ALCS	D111514ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	100	110%		
D111514ALCS	D111514ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	118%		
D111514ALCS	D111514ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	120%		
D111514ALCS	D111514ALCS	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	96%		
D111514ALCS	D111514ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	110%		
D111514ALCS	D111514ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	114%		
D111514ALCS	D111514ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	54		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		



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D111514ALCS	D111514ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	112%		
D111514ALCS	D111514ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	110%		
D111514ALCS	D111514ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	108%		
D111514ALCS	D111514ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	114%		
D111514ALCS	D111514ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	104%		
D111514ALCS	D111514ALCS	ORG 87-68-3	Hexachlorobutadiene	51		ug/L	5	0.65	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	106%		
D111514ALCS	D111514ALCS	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	112%		
D111514ALCS	D111514ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	102%		
D111514ALCS	D111514ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	96%		
D111514ALCS	D111514ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	98%		
D111514ALCS	D111514ALCS	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5319	50	100%		



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D111514ALCD	D111514ALCD	ORG 75-71-8	Dichlorodifluoromethane	46		ug/L	5	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	92%	6%	
D111514ALCD	D111514ALCD	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	88%	13%	
D111514ALCD	D111514ALCD	ORG 75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	4%	
D111514ALCD	D111514ALCD	ORG 74-83-9	Bromomethane	58		ug/L	5	0.50	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	116%	2%	
D111514ALCD	D111514ALCD	ORG 75-00-3	Chloroethane	54		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	108%	2%	
D111514ALCD	D111514ALCD	ORG 75-69-4	Trichlorofluoromethane	81		ug/L	5	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	162%	4%	
D111514ALCD	D111514ALCD	ORG 75-35-4	1,1-Dichloroethene	57		ug/L	1	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	114%	21%	
D111514ALCD	D111514ALCD	ORG 75-09-2	Methylene chloride	27		ug/L	5	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	54%	58%	
D111514ALCD	D111514ALCD	ORG 67-64-1	Acetone	55		ug/L	10	1.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	110%	0%	
D111514ALCD	D111514ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	4%	
D111514ALCD	D111514ALCD	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	92%	0%	
D111514ALCD	D111514ALCD	ORG 75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	4%	
D111514ALCD	D111514ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	6%	
D111514ALCD	D111514ALCD	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	2%	
D111514ALCD	D111514ALCD	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	0%	
D111514ALCD	D111514ALCD	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	4%	
D111514ALCD	D111514ALCD	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	106%	0%	
D111514ALCD	D111514ALCD	ORG 56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	108%	5%	
D111514ALCD	D111514ALCD	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	2%	
D111514ALCD	D111514ALCD	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	96%	4%	
D111514ALCD	D111514ALCD	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	4%	
D111514ALCD	D111514ALCD	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	2%	
D111514ALCD	D111514ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	4%	
D111514ALCD	D111514ALCD	ORG 75-27-4	Bromodichloromethane	51		ug/L	2	0.12	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	8%	
D111514ALCD	D111514ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	47		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	94%	8%	
D111514ALCD	D111514ALCD	ORG 108-88-3	Toluene	49		ug/L	1	0.21	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	4%	
D111514ALCD	D111514ALCD	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	110%	2%	
D111514ALCD	D111514ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	96%	6%	
D111514ALCD	D111514ALCD	ORG 127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	84%	7%	
D111514ALCD	D111514ALCD	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	6%	
D111514ALCD	D111514ALCD	ORG 124-48-1	Dibromochloromethane	47		ug/L	5	0.30	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	94%	6%	
D111514ALCD	D111514ALCD	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	4%	
D111514ALCD	D111514ALCD	ORG 591-78-6	2-Hexanone	52		ug/L	2	0.69	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	2%	
D111514ALCD	D111514ALCD	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	112%	4%	
D111514ALCD	D111514ALCD	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	4%	
D111514ALCD	D111514ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	106%	6%	
D111514ALCD	D111514ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	100	110%	0%	
D111514ALCD	D111514ALCD	ORG 95-47-6	o-Xylene	57		ug/L	1	0.13	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	114%	3%	
D111514ALCD	D111514ALCD	ORG 100-42-5	Styrene	58		ug/L	1	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	116%	3%	
D111514ALCD	D111514ALCD	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	92%	4%	
D111514ALCD	D111514ALCD	ORG 98-82-8	Isopropylbenzene	53		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	106%	4%	
D111514ALCD	D111514ALCD	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	110%	4%	
D111514ALCD	D111514ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	4%	
D111514ALCD	D111514ALCD	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	2%	



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111514ALCD	D111514ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	4%	
D111514ALCD	D111514ALCD	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	7%	
D111514ALCD	D111514ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	4%	
D111514ALCD	D111514ALCD	ORG 135-98-8	sec-Butylbenzene	53		ug/L	2	0.32	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	106%	4%	
D111514ALCD	D111514ALCD	ORG 541-73-1	1,3-Dichlorobenzene	52		ug/L	2	0.22	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	4%	
D111514ALCD	D111514ALCD	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	4%	
D111514ALCD	D111514ALCD	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	2%	
D111514ALCD	D111514ALCD	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	104%	2%	
D111514ALCD	D111514ALCD	ORG 104-51-8	n-Butylbenzene	54		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	108%	5%	
D111514ALCD	D111514ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	2%	
D111514ALCD	D111514ALCD	ORG 87-68-3	Hexachlorobutadiene	48		ug/L	5	0.65	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	96%	6%	
D111514ALCD	D111514ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	50		ug/L	5	0.28	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	6%	
D111514ALCD	D111514ALCD	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	108%	4%	
D111514ALCD	D111514ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	100%	2%	
D111514ALCD	D111514ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	0%	
D111514ALCD	D111514ALCD	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	2%	
D111514ALCD	D111514ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	98%	0%	
D111514ALCD	D111514ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/15/2014	11/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5324	50	102%	2%	



FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
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NAL13026-1745MS	T1-068	ORG 75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	92%		
NAL13026-1745MS	T1-068	ORG 74-87-3	Chloromethane	230		ug/L	25	2.15	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	92%		
NAL13026-1745MS	T1-068	ORG 75-01-4	Vinyl chloride	260		ug/L	10	1.59	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		
NAL13026-1745MS	T1-068	ORG 74-83-9	Bromomethane	260		ug/L	25	2.50	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		
NAL13026-1745MS	T1-068	ORG 75-00-3	Chloroethane	270		ug/L	25	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		
NAL13026-1745MS	T1-068	ORG 75-69-4	Trichlorofluoromethane	350		ug/L	25	0.98	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	140%		
NAL13026-1745MS	T1-068	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 67-64-1	Acetone	34000		ug/L	50	7.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	-12000%		64000
NAL13026-1745MS	T1-068	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	92%		
NAL13026-1745MS	T1-068	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	100%		
NAL13026-1745MS	T1-068	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		
NAL13026-1745MS	T1-068	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	100%		
NAL13026-1745MS	T1-068	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		
NAL13026-1745MS	T1-068	ORG 78-93-3	2-Butanone	18000		ug/L	5	4.06	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	400%		17000
NAL13026-1745MS	T1-068	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		
NAL13026-1745MS	T1-068	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	102%		16
NAL13026-1745MS	T1-068	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	100%		
NAL13026-1745MS	T1-068	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	112%		
NAL13026-1745MS	T1-068	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		
NAL13026-1745MS	T1-068	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		
NAL13026-1745MS	T1-068	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	99%		12
NAL13026-1745MS	T1-068	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		760
NAL13026-1745MS	T1-068	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	92%		
NAL13026-1745MS	T1-068	ORG 127-18-4	Tetrahydroethene	190		ug/L	5	2.43	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	76%		
NAL13026-1745MS	T1-068	ORG 79-00-5	1,1,2-Trichloroethane	280		ug/L	5	1.71	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	112%		
NAL13026-1745MS	T1-068	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	96%		
NAL13026-1745MS	T1-068	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		
NAL13026-1745MS	T1-068	ORG 591-78-6	2-Hexanone	620		ug/L	10	3.45	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	56%		480
NAL13026-1745MS	T1-068	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		29
NAL13026-1745MS	T1-068	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	99%		3.4
NAL13026-1745MS	T1-068	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	100%		
NAL13026-1745MS	T1-068	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	500	101%		76
NAL13026-1745MS	T1-068	ORG 95-47-6	o-Xylene	340		ug/L	5	0.64	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	112%		59
NAL13026-1745MS	T1-068	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	121%		6.9
NAL13026-1745MS	T1-068	ORG 75-25-2	Bromoform	220		ug/L	10	2.34	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	88%		
NAL13026-1745MS	T1-068	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	107%		12
NAL13026-1745MS	T1-068	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	116%		
NAL13026-1745MS	T1-068	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	120%		
NAL13026-1745MS	T1-068	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		



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ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1745MS	T1-068	ORG 108-67-8	1,3,5-Trimethylbenzene	310		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	106%		46
NAL13026-1745MS	T1-068	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	104%		
NAL13026-1745MS	T1-068	ORG 95-63-6	1,2,4-Trimethylbenzene	550		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		280
NAL13026-1745MS	T1-068	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	112%		
NAL13026-1745MS	T1-068	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	103%		2.5
NAL13026-1745MS	T1-068	ORG 99-87-6	p-Isopropyltoluene	1200		ug/L	10	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	84%		990
NAL13026-1745MS	T1-068	ORG 106-46-7	1,4-Dichlorobenzene	650		ug/L	10	1.65	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	100%		400
NAL13026-1745MS	T1-068	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	105%		6.8
NAL13026-1745MS	T1-068	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	115%		22
NAL13026-1745MS	T1-068	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	124%		
NAL13026-1745MS	T1-068	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	76%		
NAL13026-1745MS	T1-068	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	101%		7.5
NAL13026-1745MS	T1-068	ORG 91-20-3	Naphthalene	970		ug/L	25	2.80	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	108%		700
NAL13026-1745MS	T1-068	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	250	91%		2.6
NAL13026-1745MS	T1-068	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	50	104%		
NAL13026-1745MS	T1-068	STD 17060-07-0	1,2-Dichloroethane d4	38		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	50	76%		
NAL13026-1745MS	T1-068	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	50	96%		
NAL13026-1745MS	T1-068	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5325	50	100%		



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NAL13026-1745MSD	T1-068	ORG 75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	4%	
NAL13026-1745MSD	T1-068	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	8%	
NAL13026-1745MSD	T1-068	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	4%	
NAL13026-1745MSD	T1-068	ORG 74-83-9	Bromomethane	300		ug/L	25	2.50	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	120%	14%	
NAL13026-1745MSD	T1-068	ORG 75-00-3	Chloroethane	240		ug/L	25	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	12%	
NAL13026-1745MSD	T1-068	ORG 75-69-4	Trichlorofluoromethane	430		ug/L	25	0.98	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	172%	21%	
NAL13026-1745MSD	T1-068	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	8%	
NAL13026-1745MSD	T1-068	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	0%	
NAL13026-1745MSD	T1-068	ORG 67-64-1	Acetone	33000		ug/L	50	7.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	-12400%	3%	64000
NAL13026-1745MSD	T1-068	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	4%	
NAL13026-1745MSD	T1-068	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	4%	
NAL13026-1745MSD	T1-068	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	0%	
NAL13026-1745MSD	T1-068	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	0%	
NAL13026-1745MSD	T1-068	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	0%	
NAL13026-1745MSD	T1-068	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	0%	
NAL13026-1745MSD	T1-068	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	0%	
NAL13026-1745MSD	T1-068	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	0%	6%	17000
NAL13026-1745MSD	T1-068	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	4%	
NAL13026-1745MSD	T1-068	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	102%	0%	16
NAL13026-1745MSD	T1-068	ORG 107-06-2	1,2-Dichloroethane	270		ug/L	5	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	0%	
NAL13026-1745MSD	T1-068	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	0%	
NAL13026-1745MSD	T1-068	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	4%	
NAL13026-1745MSD	T1-068	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	0%	
NAL13026-1745MSD	T1-068	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	0%	
NAL13026-1745MSD	T1-068	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	0%	
NAL13026-1745MSD	T1-068	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	99%	0%	12
NAL13026-1745MSD	T1-068	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	96%	0%	760
NAL13026-1745MSD	T1-068	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	92%	0%	
NAL13026-1745MSD	T1-068	ORG 127-18-4	Tetrahydroethene	190		ug/L	5	2.43	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	76%	0%	
NAL13026-1745MSD	T1-068	ORG 79-00-5	1,1,2-Trichloroethane	270		ug/L	5	1.71	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	4%	
NAL13026-1745MSD	T1-068	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	92%	4%	
NAL13026-1745MSD	T1-068	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	4%	
NAL13026-1745MSD	T1-068	ORG 591-78-6	2-Hexanone	630		ug/L	10	3.45	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	60%	2%	480
NAL13026-1745MSD	T1-068	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	0%	29
NAL13026-1745MSD	T1-068	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	99%	0%	3.4
NAL13026-1745MSD	T1-068	ORG 630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	4%	
NAL13026-1745MSD	T1-068	ORG XYLMP	p&m-Xylene	600		ug/L	10	1.31	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	500	105%	3%	76
NAL13026-1745MSD	T1-068	ORG 95-47-6	o-Xylene	350		ug/L	5	0.64	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	116%	3%	59
NAL13026-1745MSD	T1-068	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	121%	0%	6.9
NAL13026-1745MSD	T1-068	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	92%	4%	
NAL13026-1745MSD	T1-068	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	111%	4%	12
NAL13026-1745MSD	T1-068	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	120%	3%	
NAL13026-1745MSD	T1-068	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	120%	0%	
NAL13026-1745MSD	T1-068	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	100%	4%	



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NAL13026-1745MSD	T1-068	ORG 108-67-8	1,3,5-Trimethylbenzene	310		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	106%	0%	46
NAL13026-1745MSD	T1-068	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	108%	4%	
NAL13026-1745MSD	T1-068	ORG 95-63-6	1,2,4-Trimethylbenzene	560		ug/L	10	1.00	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	112%	2%	280
NAL13026-1745MSD	T1-068	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	116%	4%	
NAL13026-1745MSD	T1-068	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	107%	4%	2.5
NAL13026-1745MSD	T1-068	ORG 99-87-6	p-Isopropyltoluene	1200		ug/L	10	1.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	84%	0%	990
NAL13026-1745MSD	T1-068	ORG 106-46-7	1,4-Dichlorobenzene	660		ug/L	10	1.65	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	2%	400
NAL13026-1745MSD	T1-068	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	105%	0%	6.8
NAL13026-1745MSD	T1-068	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	115%	0%	22
NAL13026-1745MSD	T1-068	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	120%	3%	
NAL13026-1745MSD	T1-068	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	76%	0%	
NAL13026-1745MSD	T1-068	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	97%	4%	7.5
NAL13026-1745MSD	T1-068	ORG 91-20-3	Naphthalene	960		ug/L	25	2.80	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	104%	1%	700
NAL13026-1745MSD	T1-068	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	250	91%	0%	2.6
NAL13026-1745MSD	T1-068	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	50	106%	2%	
NAL13026-1745MSD	T1-068	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	50	96%	23%	
NAL13026-1745MSD	T1-068	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	50	96%	0%	
NAL13026-1745MSD	T1-068	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/15/2014	11/15/2014	11/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5326	50	102%	2%	



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NAL13026-1746	T1-069	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 67-64-1	Acetone	59000	D	ug/L	5000	778.04	11/16/2014	11/16/2014	11/16/2014	WG	500	NA	5.0	NA	SW8260B	NALD5333				
NAL13026-1746	T1-069	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 78-93-3	2-Butanone	7300	D	ug/L	5000	405.90	11/16/2014	11/16/2014	11/16/2014	WG	500	NA	5.0	NA	SW8260B	NALD5333				
NAL13026-1746	T1-069	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 71-43-2	Benzene	14		ug/L	5	0.68	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 108-88-3	Toluene	9.2	U	ug/L	5	1.05	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 108-10-1	4-Methyl-2-pentanone	640		ug/L	25	3.70	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 591-78-6	2-Hexanone	230		ug/L	25	3.45	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 100-41-4	Ethylbenzene	20		ug/L	5	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 108-90-7	Chlorobenzene	2.7	J	ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG XYLMP	p&M-Xylene	50		ug/L	10	1.31	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 95-47-6	o-Xylene	39		ug/L	5	0.64	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 100-42-5	Styrene	4.6	J	ug/L	5	1.01	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 98-82-8	Isopropylbenzene	4.1	J	ug/L	10	1.02	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				



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NAL13026-1746	T1-069	ORG 108-67-8	1,3,5-Trimethylbenzene	24		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 95-63-6	1,2,4-Trimethylbenzene	170		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 541-73-1	1,3-Dichlorobenzene	1.6	J	ug/L	10	1.11	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 99-87-6	p-Isopropyltoluene	590		ug/L	10	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 106-46-7	1,4-Dichlorobenzene	250		ug/L	10	1.65	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 95-50-1	1,2-Dichlorobenzene	4.6	J	ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 104-51-8	n-Butylbenzene	20	J	ug/L	25	1.39	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 120-82-1	1,2,4-Trichlorobenzene	4.9	J	ug/L	25	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 91-20-3	Naphthalene	440		ug/L	25	2.80	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	ORG 87-61-6	1,2,3-Trichlorobenzene	2.0	J	ug/L	25	1.16	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334				
NAL13026-1746	T1-069	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334	50	98%		
NAL13026-1746	T1-069	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334	50	96%		
NAL13026-1746	T1-069	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334	50	98%		
NAL13026-1746	T1-069	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5334	50	102%		



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D111614CCVA	D111614CCVA	ORG 75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 74-87-3	Chloromethane	46		ug/L	5	0.43	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	92%		
D111614CCVA	D111614CCVA	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	112%		
D111614CCVA	D111614CCVA	ORG 74-83-9	Bromomethane	70		ug/L	5	0.50	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	140%		
D111614CCVA	D111614CCVA	ORG 75-00-3	Chloroethane	49		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 75-69-4	Trichlorofluoromethane	75		ug/L	5	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	150%		
D111614CCVA	D111614CCVA	ORG 75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 67-64-1	Acetone	45		ug/L	10	1.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	90%		
D111614CCVA	D111614CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 1634-04-4	MTBE	50		ug/L	5	0.61	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	112%		
D111614CCVA	D111614CCVA	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	96%		
D111614CCVA	D111614CCVA	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	118%		
D111614CCVA	D111614CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	78%		
D111614CCVA	D111614CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	108%		
D111614CCVA	D111614CCVA	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	112%		
D111614CCVA	D111614CCVA	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	1	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	100	110%		
D111614CCVA	D111614CCVA	ORG 95-47-6	o-Xylene	57		ug/L	1	0.13	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	114%		
D111614CCVA	D111614CCVA	ORG 100-42-5	Styrene	58		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	116%		
D111614CCVA	D111614CCVA	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	96%		
D111614CCVA	D111614CCVA	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	108%		
D111614CCVA	D111614CCVA	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	110%		
D111614CCVA	D111614CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	104%		
D111614CCVA	D111614CCVA	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111614CCVA	D111614CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	104%		
D111614CCVA	D111614CCVA	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	110%		
D111614CCVA	D111614CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	52		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	104%		
D111614CCVA	D111614CCVA	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	110%		
D111614CCVA	D111614CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	108%		
D111614CCVA	D111614CCVA	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	104%		
D111614CCVA	D111614CCVA	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	114%		
D111614CCVA	D111614CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	106%		
D111614CCVA	D111614CCVA	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	108%		
D111614CCVA	D111614CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		
D111614CCVA	D111614CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	100%		
D111614CCVA	D111614CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	94%		
D111614CCVA	D111614CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	98%		
D111614CCVA	D111614CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5330	50	102%		



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D111614MBKA	D111614MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				



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D111614MBKA	D111614MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332				
D111614MBKA	D111614MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332	50	98%		
D111614MBKA	D111614MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332	50	102%		
D111614MBKA	D111614MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332	50	104%		
D111614MBKA	D111614MBKA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5332	50	104%		



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D111614ALCS	D111614ALCS	ORG 75-71-8	Dichlorodifluoromethane	44		ug/L	5	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	88%		
D111614ALCS	D111614ALCS	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	82%		
D111614ALCS	D111614ALCS	ORG 75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 74-83-9	Bromomethane	72		ug/L	5	0.50	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	144%		
D111614ALCS	D111614ALCS	ORG 75-00-3	Chloroethane	52		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	104%		
D111614ALCS	D111614ALCS	ORG 75-69-4	Trichlorofluoromethane	170		ug/L	5	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	340%		
D111614ALCS	D111614ALCS	ORG 75-35-4	1,1-Dichloroethene	55		ug/L	1	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	94%		
D111614ALCS	D111614ALCS	ORG 67-64-1	Acetone	56		ug/L	10	1.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	112%		
D111614ALCS	D111614ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	94%		
D111614ALCS	D111614ALCS	ORG 75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	104%		
D111614ALCS	D111614ALCS	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	100%		
D111614ALCS	D111614ALCS	ORG 67-66-3	Chloroform	48		ug/L	2	0.16	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	96%		
D111614ALCS	D111614ALCS	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 78-93-3	2-Butanone	46		ug/L	1	0.81	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	92%		
D111614ALCS	D111614ALCS	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	100%		
D111614ALCS	D111614ALCS	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	96%		
D111614ALCS	D111614ALCS	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	100%		
D111614ALCS	D111614ALCS	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	104%		
D111614ALCS	D111614ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	100%		
D111614ALCS	D111614ALCS	ORG 108-10-1	4-Methyl-2-pentanone	54		ug/L	5	0.74	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	108%		
D111614ALCS	D111614ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	100%		
D111614ALCS	D111614ALCS	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	78%		
D111614ALCS	D111614ALCS	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	108%		
D111614ALCS	D111614ALCS	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	114%		
D111614ALCS	D111614ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	104%		
D111614ALCS	D111614ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	100	110%		
D111614ALCS	D111614ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	118%		
D111614ALCS	D111614ALCS	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	118%		
D111614ALCS	D111614ALCS	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	96%		
D111614ALCS	D111614ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	112%		
D111614ALCS	D111614ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	104%		
D111614ALCS	D111614ALCS	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		



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D111614ALCS	D111614ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	106%		
D111614ALCS	D111614ALCS	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	106%		
D111614ALCS	D111614ALCS	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	110%		
D111614ALCS	D111614ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	106%		
D111614ALCS	D111614ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	108%		
D111614ALCS	D111614ALCS	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	106%		
D111614ALCS	D111614ALCS	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	112%		
D111614ALCS	D111614ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	108%		
D111614ALCS	D111614ALCS	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	106%		
D111614ALCS	D111614ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	108%		
D111614ALCS	D111614ALCS	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	112%		
D111614ALCS	D111614ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		
D111614ALCS	D111614ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	94%		
D111614ALCS	D111614ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	98%		
D111614ALCS	D111614ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5331	50	102%		



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FINAL ANALYTICAL REPORT

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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111614ALCD	D111614ALCD	ORG 75-71-8	Dichlorodifluoromethane	47		ug/L	5	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	94%	7%	
D111614ALCD	D111614ALCD	ORG 74-87-3	Chloromethane	45		ug/L	5	0.43	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	90%	9%	
D111614ALCD	D111614ALCD	ORG 75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	0%	
D111614ALCD	D111614ALCD	ORG 74-83-9	Bromomethane	59		ug/L	5	0.50	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	118%	20%	
D111614ALCD	D111614ALCD	ORG 75-00-3	Chloroethane	54		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	4%	
D111614ALCD	D111614ALCD	ORG 75-69-4	Trichlorofluoromethane	77		ug/L	5	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	154%	75%	
D111614ALCD	D111614ALCD	ORG 75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	10%	
D111614ALCD	D111614ALCD	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	96%	2%	
D111614ALCD	D111614ALCD	ORG 67-64-1	Acetone	52		ug/L	10	1.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	7%	
D111614ALCD	D111614ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	2%	
D111614ALCD	D111614ALCD	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	92%	2%	
D111614ALCD	D111614ALCD	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	2%	
D111614ALCD	D111614ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	2%	
D111614ALCD	D111614ALCD	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	2%	
D111614ALCD	D111614ALCD	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	4%	
D111614ALCD	D111614ALCD	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	4%	
D111614ALCD	D111614ALCD	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	6%	
D111614ALCD	D111614ALCD	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	112%	2%	
D111614ALCD	D111614ALCD	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	0%	
D111614ALCD	D111614ALCD	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	2%	
D111614ALCD	D111614ALCD	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	2%	
D111614ALCD	D111614ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	2%	
D111614ALCD	D111614ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	0%	
D111614ALCD	D111614ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	2%	
D111614ALCD	D111614ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	0%	
D111614ALCD	D111614ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	0%	
D111614ALCD	D111614ALCD	ORG 108-10-1	4-Methyl-2-pentanone	57		ug/L	5	0.74	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	114%	5%	
D111614ALCD	D111614ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	2%	
D111614ALCD	D111614ALCD	ORG 127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	86%	10%	
D111614ALCD	D111614ALCD	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	0%	
D111614ALCD	D111614ALCD	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	0%	
D111614ALCD	D111614ALCD	ORG 106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	2%	
D111614ALCD	D111614ALCD	ORG 591-78-6	2-Hexanone	52		ug/L	2	0.69	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	2%	
D111614ALCD	D111614ALCD	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	114%	0%	
D111614ALCD	D111614ALCD	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	2%	
D111614ALCD	D111614ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	2%	
D111614ALCD	D111614ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	100	110%	0%	
D111614ALCD	D111614ALCD	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	116%	2%	
D111614ALCD	D111614ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	118%	0%	
D111614ALCD	D111614ALCD	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	94%	2%	
D111614ALCD	D111614ALCD	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	110%	0%	
D111614ALCD	D111614ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	112%	0%	
D111614ALCD	D111614ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	0%	
D111614ALCD	D111614ALCD	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	2%	



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D111614ALCD	D111614ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	2%	
D111614ALCD	D111614ALCD	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	2%	
D111614ALCD	D111614ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	0%	
D111614ALCD	D111614ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	110%	0%	
D111614ALCD	D111614ALCD	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	2%	
D111614ALCD	D111614ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	108%	0%	
D111614ALCD	D111614ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	2%	
D111614ALCD	D111614ALCD	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	0%	
D111614ALCD	D111614ALCD	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	112%	0%	
D111614ALCD	D111614ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	104%	4%	
D111614ALCD	D111614ALCD	ORG 87-68-3	Hexachlorobutadiene	50		ug/L	5	0.65	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	6%	
D111614ALCD	D111614ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	106%	2%	
D111614ALCD	D111614ALCD	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	112%	0%	
D111614ALCD	D111614ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	0%	
D111614ALCD	D111614ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	102%	0%	
D111614ALCD	D111614ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	96%	2%	
D111614ALCD	D111614ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	98%	0%	
D111614ALCD	D111614ALCD	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	NA	11/16/2014	11/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5336	50	100%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1746MS	T1-069	ORG 75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	92%		
NAL13026-1746MS	T1-069	ORG 74-87-3	Chloromethane	230		ug/L	25	2.15	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	92%		
NAL13026-1746MS	T1-069	ORG 75-01-4	Vinyl chloride	260		ug/L	10	1.59	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	104%		
NAL13026-1746MS	T1-069	ORG 74-83-9	Bromomethane	300		ug/L	25	2.50	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	120%		
NAL13026-1746MS	T1-069	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 75-69-4	Trichlorofluoromethane	380		ug/L	25	0.98	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	152%		
NAL13026-1746MS	T1-069	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	104%		
NAL13026-1746MS	T1-069	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 67-64-1	Acetone	26000		ug/L	50	7.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	-13200%		59000
NAL13026-1746MS	T1-069	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	96%		
NAL13026-1746MS	T1-069	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	108%		
NAL13026-1746MS	T1-069	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		
NAL13026-1746MS	T1-069	ORG 78-93-3	2-Butanone	13000		ug/L	5	4.06	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	2280%		7300
NAL13026-1746MS	T1-069	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		
NAL13026-1746MS	T1-069	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	102%		14
NAL13026-1746MS	T1-069	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		
NAL13026-1746MS	T1-069	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	104%		
NAL13026-1746MS	T1-069	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		
NAL13026-1746MS	T1-069	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	108%		
NAL13026-1746MS	T1-069	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	108%		
NAL13026-1746MS	T1-069	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	96%		
NAL13026-1746MS	T1-069	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		9.2
NAL13026-1746MS	T1-069	ORG 108-10-1	4-Methyl-2-pentanone	920		ug/L	25	3.70	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		640
NAL13026-1746MS	T1-069	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	96%		
NAL13026-1746MS	T1-069	ORG 127-18-4	Tetrahydroethene	190		ug/L	5	2.43	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	76%		
NAL13026-1746MS	T1-069	ORG 79-00-5	1,1,2-Trichloroethane	270		ug/L	5	1.71	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	108%		
NAL13026-1746MS	T1-069	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	96%		
NAL13026-1746MS	T1-069	ORG 106-93-4	1,2-Dibromoethane	280		ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		
NAL13026-1746MS	T1-069	ORG 591-78-6	2-Hexanone	360		ug/L	10	3.45	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	52%		230
NAL13026-1746MS	T1-069	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		20
NAL13026-1746MS	T1-069	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	99%		2.7
NAL13026-1746MS	T1-069	ORG 630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	104%		
NAL13026-1746MS	T1-069	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	500	106%		50
NAL13026-1746MS	T1-069	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	116%		39
NAL13026-1746MS	T1-069	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	122%		4.6
NAL13026-1746MS	T1-069	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	96%		
NAL13026-1746MS	T1-069	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	114%		4.1
NAL13026-1746MS	T1-069	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	116%		
NAL13026-1746MS	T1-069	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	116%		
NAL13026-1746MS	T1-069	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	104%		

Confidential
D111614AKCF

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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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NAL13026-1746MS	T1-069	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	106%		24
NAL13026-1746MS	T1-069	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	108%		
NAL13026-1746MS	T1-069	ORG 95-63-6	1,2,4-Trimethylbenzene	420		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		170
NAL13026-1746MS	T1-069	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		
NAL13026-1746MS	T1-069	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	107%		1.6
NAL13026-1746MS	T1-069	ORG 99-87-6	p-Isopropyltoluene	780		ug/L	10	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	76%		590
NAL13026-1746MS	T1-069	ORG 106-46-7	1,4-Dichlorobenzene	500		ug/L	10	1.65	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		250
NAL13026-1746MS	T1-069	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	106%		4.6
NAL13026-1746MS	T1-069	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	112%		20
NAL13026-1746MS	T1-069	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	124%		
NAL13026-1746MS	T1-069	ORG 87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	88%		
NAL13026-1746MS	T1-069	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	106%		4.9
NAL13026-1746MS	T1-069	ORG 91-20-3	Naphthalene	690		ug/L	25	2.80	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	100%		440
NAL13026-1746MS	T1-069	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	250	99%		2.0
NAL13026-1746MS	T1-069	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	50	104%		
NAL13026-1746MS	T1-069	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	50	94%		
NAL13026-1746MS	T1-069	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	50	96%		
NAL13026-1746MS	T1-069	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5337	50	100%		



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NAL13026-1746MSD	T1-069	ORG 75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	92%	0%	
NAL13026-1746MSD	T1-069	ORG 74-87-3	Chloromethane	240		ug/L	25	2.15	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	96%	4%	
NAL13026-1746MSD	T1-069	ORG 75-01-4	Vinyl chloride	260		ug/L	10	1.59	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	104%	0%	
NAL13026-1746MSD	T1-069	ORG 74-83-9	Bromomethane	310		ug/L	25	2.50	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	124%	3%	
NAL13026-1746MSD	T1-069	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 75-69-4	Trichlorofluoromethane	480		ug/L	25	0.98	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	192%	23%	
NAL13026-1746MSD	T1-069	ORG 75-35-4	1,1-Dichloroethene	270		ug/L	5	2.36	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	4%	
NAL13026-1746MSD	T1-069	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 67-64-1	Acetone	25000		ug/L	50	7.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	-13600%	4%	59000
NAL13026-1746MSD	T1-069	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	96%	0%	
NAL13026-1746MSD	T1-069	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	112%	4%	
NAL13026-1746MSD	T1-069	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	4%	
NAL13026-1746MSD	T1-069	ORG 78-93-3	2-Butanone	12000		ug/L	5	4.06	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	1880%	8%	7300
NAL13026-1746MSD	T1-069	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	112%	0%	
NAL13026-1746MSD	T1-069	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	102%	0%	14
NAL13026-1746MSD	T1-069	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	
NAL13026-1746MSD	T1-069	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	104%	0%	
NAL13026-1746MSD	T1-069	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	4%	
NAL13026-1746MSD	T1-069	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	0%	
NAL13026-1746MSD	T1-069	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	0%	
NAL13026-1746MSD	T1-069	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	4%	
NAL13026-1746MSD	T1-069	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	9.2
NAL13026-1746MSD	T1-069	ORG 108-10-1	4-Methyl-2-pentanone	880		ug/L	25	3.70	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	96%	4%	640
NAL13026-1746MSD	T1-069	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	96%	0%	
NAL13026-1746MSD	T1-069	ORG 127-18-4	Tetrahydroethene	190		ug/L	5	2.43	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	76%	0%	
NAL13026-1746MSD	T1-069	ORG 79-00-5	1,1,2-Trichloroethane	270		ug/L	5	1.71	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	0%	
NAL13026-1746MSD	T1-069	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	96%	0%	
NAL13026-1746MSD	T1-069	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	4%	
NAL13026-1746MSD	T1-069	ORG 591-78-6	2-Hexanone	340		ug/L	10	3.45	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	44%	6%	230
NAL13026-1746MSD	T1-069	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	112%	0%	20
NAL13026-1746MSD	T1-069	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	103%	4%	2.7
NAL13026-1746MSD	T1-069	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	108%	4%	
NAL13026-1746MSD	T1-069	ORG XYLMP	p&m-Xylene	590		ug/L	10	1.31	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	500	108%	2%	50
NAL13026-1746MSD	T1-069	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	116%	0%	39
NAL13026-1746MSD	T1-069	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	122%	0%	4.6
NAL13026-1746MSD	T1-069	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	92%	4%	
NAL13026-1746MSD	T1-069	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	114%	0%	4.1
NAL13026-1746MSD	T1-069	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	116%	0%	
NAL13026-1746MSD	T1-069	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	116%	0%	
NAL13026-1746MSD	T1-069	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	4%	

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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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NAL13026-1746MSD	T1-069	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	106%	0%	24
NAL13026-1746MSD	T1-069	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	112%	4%	
NAL13026-1746MSD	T1-069	ORG 95-63-6	1,2,4-Trimethylbenzene	430		ug/L	10	1.00	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	104%	2%	170
NAL13026-1746MSD	T1-069	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	116%	4%	
NAL13026-1746MSD	T1-069	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	107%	0%	1.6
NAL13026-1746MSD	T1-069	ORG 99-87-6	p-Isopropyltoluene	780		ug/L	10	1.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	76%	0%	590
NAL13026-1746MSD	T1-069	ORG 106-46-7	1,4-Dichlorobenzene	500		ug/L	10	1.65	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	100%	0%	250
NAL13026-1746MSD	T1-069	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	106%	0%	4.6
NAL13026-1746MSD	T1-069	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	112%	0%	20
NAL13026-1746MSD	T1-069	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	116%	7%	
NAL13026-1746MSD	T1-069	ORG 87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	88%	0%	
NAL13026-1746MSD	T1-069	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	106%	0%	4.9
NAL13026-1746MSD	T1-069	ORG 91-20-3	Naphthalene	670		ug/L	25	2.80	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	92%	3%	440
NAL13026-1746MSD	T1-069	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	250	95%	4%	2.0
NAL13026-1746MSD	T1-069	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	50	104%	0%	
NAL13026-1746MSD	T1-069	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	50	94%	0%	
NAL13026-1746MSD	T1-069	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	50	96%	0%	
NAL13026-1746MSD	T1-069	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/16/2014	11/16/2014	11/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5338	50	102%	2%	



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Bridgeton, MO 63044
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Project #: NAL13-026
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NAL13026-1747	T1-070	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 67-64-1	Acetone	51000	D	ug/L	5000	778.04	11/17/2014	11/17/2014	11/17/2014	WG	500	NA	5.0	NA	SW8260B	NALD5342				
NAL13026-1747	T1-070	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 78-93-3	2-Butanone	14000	D	ug/L	5000	405.90	11/17/2014	11/17/2014	11/17/2014	WG	500	NA	5.0	NA	SW8260B	NALD5342				
NAL13026-1747	T1-070	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 71-43-2	Benzene	12		ug/L	5	0.68	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 108-88-3	Toluene	7.8		ug/L	5	1.05	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 108-10-1	4-Methyl-2-pentanone	840		ug/L	25	3.70	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 591-78-6	2-Hexanone	360		ug/L	25	3.45	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 100-41-4	Ethylbenzene	20		ug/L	5	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 108-90-7	Chlorobenzene	2.6	J	ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG XYLMP	p&m-Xylene	49		ug/L	10	1.31	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 95-47-6	o-Xylene	40		ug/L	5	0.64	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 100-42-5	Styrene	4.1	JX+	ug/L	5	1.01	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 98-82-8	Isopropylbenzene	6.2	J	ug/L	10	1.02	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				



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NAL13026-1747	T1-070	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 108-67-8	1,3,5-Trimethylbenzene	34		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 95-63-6	1,2,4-Trimethylbenzene	230		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 541-73-1	1,3-Dichlorobenzene	2.1	J	ug/L	10	1.11	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 99-87-6	p-Isopropyltoluene	910		ug/L	10	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 95-50-1	1,2-Dichlorobenzene	6.6	J	ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 104-51-8	n-Butylbenzene	22	J	ug/L	25	1.39	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 120-82-1	1,2,4-Trichlorobenzene	9.0	J	ug/L	25	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 91-20-3	Naphthalene	772		ug/L	25	2.80	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	ORG 87-61-6	1,2,3-Trichlorobenzene	3.4	J	ug/L	25	1.16	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343				
NAL13026-1747	T1-070	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343	50	98%		
NAL13026-1747	T1-070	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343	50	96%		
NAL13026-1747	T1-070	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343	50	98%		
NAL13026-1747	T1-070	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5343	50	102%		



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D111714CCVA	D111714CCVA	ORG 75-71-8	Dichlorodifluoromethane	46		ug/L	5	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	92%		
D111714CCVA	D111714CCVA	ORG 74-87-3	Chloromethane	45		ug/L	5	0.43	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	90%		
D111714CCVA	D111714CCVA	ORG 75-01-4	Vinyl chloride	55		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 74-83-9	Bromomethane	70		ug/L	5	0.50	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	140%		
D111714CCVA	D111714CCVA	ORG 75-00-3	Chloroethane	52		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 75-69-4	Trichlorofluoromethane	87		ug/L	5	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	174%		
D111714CCVA	D111714CCVA	ORG 75-35-4	1,1-Dichloroethene	51		ug/L	1	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	100%		
D111714CCVA	D111714CCVA	ORG 67-64-1	Acetone	43		ug/L	10	1.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	86%		
D111714CCVA	D111714CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	98%		
D111714CCVA	D111714CCVA	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	108%		
D111714CCVA	D111714CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 78-93-3	2-Butanone	47		ug/L	1	0.81	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	94%		
D111714CCVA	D111714CCVA	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	116%		
D111714CCVA	D111714CCVA	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	98%		
D111714CCVA	D111714CCVA	ORG 79-01-6	Trichloroethene	53		ug/L	1	0.36	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	106%		
D111714CCVA	D111714CCVA	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 75-27-4	Bromodichloromethane	56		ug/L	2	0.12	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	112%		
D111714CCVA	D111714CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	112%		
D111714CCVA	D111714CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	82%		
D111714CCVA	D111714CCVA	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		
D111714CCVA	D111714CCVA	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 591-78-6	2-Hexanone	48		ug/L	2	0.69	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	96%		
D111714CCVA	D111714CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	116%		
D111714CCVA	D111714CCVA	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	112%		
D111714CCVA	D111714CCVA	ORG XYLMP	p&m-Xylene	112		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	100	112%		
D111714CCVA	D111714CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	120%		
D111714CCVA	D111714CCVA	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	120%		
D111714CCVA	D111714CCVA	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	98%		
D111714CCVA	D111714CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	114%		
D111714CCVA	D111714CCVA	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	116%		
D111714CCVA	D111714CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	106%		



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D111714CCVA	D111714CCVA	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	114%		
D111714CCVA	D111714CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	108%		
D111714CCVA	D111714CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	114%		
D111714CCVA	D111714CCVA	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	112%		
D111714CCVA	D111714CCVA	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	106%		
D111714CCVA	D111714CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	108%		
D111714CCVA	D111714CCVA	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	116%		
D111714CCVA	D111714CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	108%		
D111714CCVA	D111714CCVA	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	114%		
D111714CCVA	D111714CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	112%		
D111714CCVA	D111714CCVA	ORG 91-20-3	Naphthalene	55		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	110%		
D111714CCVA	D111714CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	104%		
D111714CCVA	D111714CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	100%		
D111714CCVA	D111714CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	94%		
D111714CCVA	D111714CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	98%		
D111714CCVA	D111714CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5340	50	102%		



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D111714MBKA	D111714MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						
D111714MBKA	D111714MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341						



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D111714MBKA	D111714MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341				
D111714MBKA	D111714MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341	50	98%		
D111714MBKA	D111714MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341	50	102%		
D111714MBKA	D111714MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341	50	104%		
D111714MBKA	D111714MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5341	50	106%		



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D111714ALCS	D111714ALCS	ORG 75-71-8	Dichlorodifluoromethane	43		ug/L	5	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	86%		
D111714ALCS	D111714ALCS	ORG 74-87-3	Chloromethane	42		ug/L	5	0.43	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	84%		
D111714ALCS	D111714ALCS	ORG 75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		
D111714ALCS	D111714ALCS	ORG 74-83-9	Bromomethane	74		ug/L	5	0.50	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	148%		
D111714ALCS	D111714ALCS	ORG 75-00-3	Chloroethane	52		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 75-69-4	Trichlorofluoromethane	117		ug/L	5	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	234%		
D111714ALCS	D111714ALCS	ORG 75-35-4	1,1-Dichloroethene	56		ug/L	1	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	112%		
D111714ALCS	D111714ALCS	ORG 75-09-2	Methylene chloride	26		ug/L	5	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	52%		
D111714ALCS	D111714ALCS	ORG 67-64-1	Acetone	36		ug/L	10	1.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	72%		
D111714ALCS	D111714ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	30		ug/L	1	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	60%		
D111714ALCS	D111714ALCS	ORG 1634-04-4	MTBE	31		ug/L	5	0.61	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	62%		
D111714ALCS	D111714ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		
D111714ALCS	D111714ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		
D111714ALCS	D111714ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	100%		
D111714ALCS	D111714ALCS	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	112%		
D111714ALCS	D111714ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		
D111714ALCS	D111714ALCS	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	98%		
D111714ALCS	D111714ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		
D111714ALCS	D111714ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		
D111714ALCS	D111714ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	98%		
D111714ALCS	D111714ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		
D111714ALCS	D111714ALCS	ORG 108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		
D111714ALCS	D111714ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	100%		
D111714ALCS	D111714ALCS	ORG 127-18-4	Tetrachloroethene	38		ug/L	1	0.49	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	76%		
D111714ALCS	D111714ALCS	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	100%		
D111714ALCS	D111714ALCS	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	98%		
D111714ALCS	D111714ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	92%		
D111714ALCS	D111714ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	116%		
D111714ALCS	D111714ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	110%		
D111714ALCS	D111714ALCS	ORG XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	100	113%		
D111714ALCS	D111714ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	118%		
D111714ALCS	D111714ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	120%		
D111714ALCS	D111714ALCS	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	96%		
D111714ALCS	D111714ALCS	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	112%		
D111714ALCS	D111714ALCS	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	116%		
D111714ALCS	D111714ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		



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FINAL ANALYTICAL REPORT

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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111714ALCS	D111714ALCS	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	110%		
D111714ALCS	D111714ALCS	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	112%		
D111714ALCS	D111714ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	114%		
D111714ALCS	D111714ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	110%		
D111714ALCS	D111714ALCS	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		
D111714ALCS	D111714ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	116%		
D111714ALCS	D111714ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	ORG 87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	108%		
D111714ALCS	D111714ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	110%		
D111714ALCS	D111714ALCS	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	112%		
D111714ALCS	D111714ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	106%		
D111714ALCS	D111714ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	104%		
D111714ALCS	D111714ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	94%		
D111714ALCS	D111714ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	98%		
D111714ALCS	D111714ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5345	50	102%		



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D111714ALCD	D111714ALCD	ORG 75-71-8	Dichlorodifluoromethane	41		ug/L	5	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	82%	5%	
D111714ALCD	D111714ALCD	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	88%	5%	
D111714ALCD	D111714ALCD	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	4%	
D111714ALCD	D111714ALCD	ORG 74-83-9	Bromomethane	58		ug/L	5	0.50	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	116%	24%	
D111714ALCD	D111714ALCD	ORG 75-00-3	Chloroethane	53		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	2%	
D111714ALCD	D111714ALCD	ORG 75-69-4	Trichlorofluoromethane	76		ug/L	5	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	152%	42%	
D111714ALCD	D111714ALCD	ORG 75-35-4	1,1-Dichloroethene	53		ug/L	1	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	6%	
D111714ALCD	D111714ALCD	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	59%	
D111714ALCD	D111714ALCD	ORG 67-64-1	Acetone	62		ug/L	10	1.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	124%	53%	
D111714ALCD	D111714ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	48%	
D111714ALCD	D111714ALCD	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	94%	41%	
D111714ALCD	D111714ALCD	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	100%	2%	
D111714ALCD	D111714ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	108%	2%	
D111714ALCD	D111714ALCD	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	100%	4%	
D111714ALCD	D111714ALCD	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	100%	0%	
D111714ALCD	D111714ALCD	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	0%	
D111714ALCD	D111714ALCD	ORG 78-93-3	2-Butanone	45		ug/L	1	0.81	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	90%	14%	
D111714ALCD	D111714ALCD	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	110%	2%	
D111714ALCD	D111714ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	102%	0%	
D111714ALCD	D111714ALCD	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	0%	
D111714ALCD	D111714ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	2%	
D111714ALCD	D111714ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	0%	
D111714ALCD	D111714ALCD	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	2%	
D111714ALCD	D111714ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	2%	
D111714ALCD	D111714ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	48		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	2%	
D111714ALCD	D111714ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	100%	2%	
D111714ALCD	D111714ALCD	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	112%	6%	
D111714ALCD	D111714ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	2%	
D111714ALCD	D111714ALCD	ORG 127-18-4	Tetrachloroethene	48		ug/L	1	0.49	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	23%	
D111714ALCD	D111714ALCD	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	2%	
D111714ALCD	D111714ALCD	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	98%	0%	
D111714ALCD	D111714ALCD	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	108%	0%	
D111714ALCD	D111714ALCD	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	102%	10%	
D111714ALCD	D111714ALCD	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	114%	2%	
D111714ALCD	D111714ALCD	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	102%	2%	
D111714ALCD	D111714ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	110%	0%	
D111714ALCD	D111714ALCD	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	100	111%	2%	
D111714ALCD	D111714ALCD	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	116%	2%	
D111714ALCD	D111714ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	118%	2%	
D111714ALCD	D111714ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	0%	
D111714ALCD	D111714ALCD	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	110%	2%	
D111714ALCD	D111714ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	112%	4%	
D111714ALCD	D111714ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111714ALCD	D111714ALCD	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	0%	
D111714ALCD	D111714ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	4%	
D111714ALCD	D111714ALCD	ORG 98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	7%	
D111714ALCD	D111714ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	2%	
D111714ALCD	D111714ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	110%	4%	
D111714ALCD	D111714ALCD	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	108%	0%	
D111714ALCD	D111714ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	108%	2%	
D111714ALCD	D111714ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	2%	
D111714ALCD	D111714ALCD	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	2%	
D111714ALCD	D111714ALCD	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	112%	4%	
D111714ALCD	D111714ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	2%	
D111714ALCD	D111714ALCD	ORG 87-68-3	Hexachlorobutadiene	51		ug/L	5	0.65	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	102%	6%	
D111714ALCD	D111714ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	4%	
D111714ALCD	D111714ALCD	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	112%	0%	
D111714ALCD	D111714ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	106%	0%	
D111714ALCD	D111714ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	0%	
D111714ALCD	D111714ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	2%	
D111714ALCD	D111714ALCD	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	96%	2%	
D111714ALCD	D111714ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/17/2014	11/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5346	50	104%	2%	



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NAL13026-1747MS	T1-070	ORG 75-71-8	Dichlorodifluoromethane	200		ug/L	25	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	80%		
NAL13026-1747MS	T1-070	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	84%		
NAL13026-1747MS	T1-070	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 74-83-9	Bromomethane	320		ug/L	25	2.50	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	128%		
NAL13026-1747MS	T1-070	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		
NAL13026-1747MS	T1-070	ORG 75-69-4	Trichlorofluoromethane	360		ug/L	25	0.98	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	144%		
NAL13026-1747MS	T1-070	ORG 75-35-4	1,1-Dichloroethene	250		ug/L	5	2.36	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		
NAL13026-1747MS	T1-070	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 67-64-1	Acetone	33000		ug/L	50	7.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	-7200%		51000
NAL13026-1747MS	T1-070	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	92%		
NAL13026-1747MS	T1-070	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		
NAL13026-1747MS	T1-070	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 78-93-3	2-Butanone	18000		ug/L	5	4.06	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	1600%		14000
NAL13026-1747MS	T1-070	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	99%		12
NAL13026-1747MS	T1-070	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		
NAL13026-1747MS	T1-070	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	104%		
NAL13026-1747MS	T1-070	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	104%		
NAL13026-1747MS	T1-070	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	97%		7.8
NAL13026-1747MS	T1-070	ORG 108-10-1	4-Methyl-2-pentanone	1100		ug/L	25	3.70	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	104%		840
NAL13026-1747MS	T1-070	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	96%		
NAL13026-1747MS	T1-070	ORG 127-18-4	Tetrachloroethene	180		ug/L	5	2.43	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	72%		
NAL13026-1747MS	T1-070	ORG 79-00-5	1,1,2-Trichloroethane	260		ug/L	5	1.71	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	104%		
NAL13026-1747MS	T1-070	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	92%		
NAL13026-1747MS	T1-070	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 591-78-6	2-Hexanone	440		ug/L	10	3.45	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	32%		360
NAL13026-1747MS	T1-070	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		20
NAL13026-1747MS	T1-070	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	99%		2.6
NAL13026-1747MS	T1-070	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		
NAL13026-1747MS	T1-070	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	500	102%		49
NAL13026-1747MS	T1-070	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	112%		40
NAL13026-1747MS	T1-070	ORG 100-42-5	Styrene	300		ug/L	5	1.01	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	118%		4.1
NAL13026-1747MS	T1-070	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	92%		
NAL13026-1747MS	T1-070	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	110%		6.2
NAL13026-1747MS	T1-070	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	116%		
NAL13026-1747MS	T1-070	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	120%		



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NAL13026-1747MS	T1-070	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	104%		
NAL13026-1747MS	T1-070	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	102%		34
NAL13026-1747MS	T1-070	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	108%		
NAL13026-1747MS	T1-070	ORG 95-63-6	1,2,4-Trimethylbenzene	450		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	88%		230
NAL13026-1747MS	T1-070	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	112%		
NAL13026-1747MS	T1-070	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	107%		2.1
NAL13026-1747MS	T1-070	ORG 99-87-6	p-Isopropyltoluene	910		ug/L	10	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	0%		910
NAL13026-1747MS	T1-070	ORG 106-46-7	1,4-Dichlorobenzene	550		ug/L	10	1.65	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	80%		350
NAL13026-1747MS	T1-070	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	105%		6.6
NAL13026-1747MS	T1-070	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	111%		22
NAL13026-1747MS	T1-070	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	120%		
NAL13026-1747MS	T1-070	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	80%		
NAL13026-1747MS	T1-070	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	100%		9
NAL13026-1747MS	T1-070	ORG 91-20-3	Naphthalene	890		ug/L	25	2.80	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	47%		772
NAL13026-1747MS	T1-070	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	250	95%		3.4
NAL13026-1747MS	T1-070	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	50	104%		
NAL13026-1747MS	T1-070	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	50	94%		
NAL13026-1747MS	T1-070	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	50	96%		
NAL13026-1747MS	T1-070	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5347	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1747MSD	T1-070	ORG 75-71-8	Dichlorodifluoromethane	200		ug/L	25	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	80%	0%	
NAL13026-1747MSD	T1-070	ORG 74-87-3	Chloromethane	220		ug/L	25	2.15	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	88%	5%	
NAL13026-1747MSD	T1-070	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 74-83-9	Bromomethane	240		ug/L	25	2.50	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	29%	
NAL13026-1747MSD	T1-070	ORG 75-00-3	Chloroethane	240		ug/L	25	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	4%	
NAL13026-1747MSD	T1-070	ORG 75-69-4	Trichlorofluoromethane	360		ug/L	25	0.98	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	144%	0%	
NAL13026-1747MSD	T1-070	ORG 75-35-4	1,1-Dichloroethene	380		ug/L	5	2.36	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	152%	41%	
NAL13026-1747MSD	T1-070	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	92%	4%	
NAL13026-1747MSD	T1-070	ORG 67-64-1	Acetone	30000		ug/L	50	7.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	-8400%	10%	51000
NAL13026-1747MSD	T1-070	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	92%	0%	
NAL13026-1747MSD	T1-070	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	108%	0%	
NAL13026-1747MSD	T1-070	ORG 74-97-5	Bromochloromethane	230		ug/L	50	2.07	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	92%	8%	
NAL13026-1747MSD	T1-070	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	4%	
NAL13026-1747MSD	T1-070	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	1200%	6%	14000
NAL13026-1747MSD	T1-070	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	108%	0%	
NAL13026-1747MSD	T1-070	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	99%	0%	12
NAL13026-1747MSD	T1-070	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	100%	0%	
NAL13026-1747MSD	T1-070	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	4%	
NAL13026-1747MSD	T1-070	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	0%	
NAL13026-1747MSD	T1-070	ORG 75-27-4	Bromodichloromethane	250		ug/L	10	0.58	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	100%	4%	
NAL13026-1747MSD	T1-070	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	0%	
NAL13026-1747MSD	T1-070	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	97%	0%	7.8
NAL13026-1747MSD	T1-070	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	64%	10%	840
NAL13026-1747MSD	T1-070	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	92%	4%	
NAL13026-1747MSD	T1-070	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	76%	5%	
NAL13026-1747MSD	T1-070	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	100%	4%	
NAL13026-1747MSD	T1-070	ORG 124-48-1	Dibromochloromethane	220		ug/L	25	1.49	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	88%	4%	
NAL13026-1747MSD	T1-070	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	4%	
NAL13026-1747MSD	T1-070	ORG 591-78-6	2-Hexanone	440		ug/L	10	3.45	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	32%	0%	360
NAL13026-1747MSD	T1-070	ORG 100-41-4	Ethylbenzene	280		ug/L	5	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	4%	20
NAL13026-1747MSD	T1-070	ORG 108-90-7	Chlorobenzene	240		ug/L	5	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	95%	4%	2.6
NAL13026-1747MSD	T1-070	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	100%	0%	
NAL13026-1747MSD	T1-070	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	500	100%	2%	49
NAL13026-1747MSD	T1-070	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	112%	0%	40
NAL13026-1747MSD	T1-070	ORG 100-42-5	Styrene	300		ug/L	5	1.01	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	118%	0%	4.1
NAL13026-1747MSD	T1-070	ORG 75-25-2	Bromoform	220		ug/L	10	2.34	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	88%	4%	
NAL13026-1747MSD	T1-070	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	110%	0%	6.2
NAL13026-1747MSD	T1-070	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	112%	4%	
NAL13026-1747MSD	T1-070	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	116%	3%	

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NAL13026-1747MSD	T1-070	ORG 96-18-4	1,2,3-Trichloropropane	240		ug/L	10	1.47	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	8%	
NAL13026-1747MSD	T1-070	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	102%	0%	34
NAL13026-1747MSD	T1-070	ORG 98-06-6	tert-Butylbenzene	260		ug/L	10	1.63	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	104%	4%	
NAL13026-1747MSD	T1-070	ORG 95-63-6	1,2,4-Trimethylbenzene	440		ug/L	10	1.00	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	84%	2%	230
NAL13026-1747MSD	T1-070	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	112%	0%	
NAL13026-1747MSD	T1-070	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	103%	4%	2.1
NAL13026-1747MSD	T1-070	ORG 99-87-6	p-Isopropyltoluene	890		ug/L	10	1.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	-8%	2%	910
NAL13026-1747MSD	T1-070	ORG 106-46-7	1,4-Dichlorobenzene	530		ug/L	10	1.65	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	72%	4%	350
NAL13026-1747MSD	T1-070	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	101%	4%	6.6
NAL13026-1747MSD	T1-070	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	111%	0%	22
NAL13026-1747MSD	T1-070	ORG 96-12-8	1,2-Dibromo-3-chloropropane	270		ug/L	25	7.96	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	108%	11%	
NAL13026-1747MSD	T1-070	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	76%	5%	
NAL13026-1747MSD	T1-070	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	96%	4%	9
NAL13026-1747MSD	T1-070	ORG 91-20-3	Naphthalene	840		ug/L	25	2.80	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	27%	6%	772
NAL13026-1747MSD	T1-070	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	250	87%	9%	3.4
NAL13026-1747MSD	T1-070	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	50	104%	0%	
NAL13026-1747MSD	T1-070	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	50	92%	2%	
NAL13026-1747MSD	T1-070	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	50	96%	0%	
NAL13026-1747MSD	T1-070	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/17/2014	11/17/2014	11/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5348	50	102%	0%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1748	T1-071	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 67-64-1	Acetone	72000	D	ug/L	5000	778.04	11/18/2014	11/18/2014	11/18/2014	WG	500	NA	5.0	NA	SW8260B	NALD5353				
NAL13026-1748	T1-071	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 78-93-3	2-Butanone	15000	D	ug/L	5000	405.90	11/18/2014	11/18/2014	11/18/2014	WG	500	NA	5.0	NA	SW8260B	NALD5353				
NAL13026-1748	T1-071	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 71-43-2	Benzene	13		ug/L	5	0.68	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 108-88-3	Toluene	9.0		ug/L	5	1.05	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 108-10-1	4-Methyl-2-pentanone	800		ug/L	25	3.70	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 591-78-6	2-Hexanone	380		ug/L	25	3.45	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 100-41-4	Ethylbenzene	22		ug/L	5	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 108-90-7	Chlorobenzene	2.3	J	ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG XYLMP	p&m-Xylene	52		ug/L	10	1.31	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 95-47-6	o-Xylene	38	X+	ug/L	5	0.64	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 100-42-5	Styrene	4.3	JX+	ug/L	5	1.01	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 98-82-8	Isopropylbenzene	7	J	ug/L	10	1.02	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				

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NAL13026-1748	T1-071	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 108-67-8	1,3,5-Trimethylbenzene	30		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 95-63-6	1,2,4-Trimethylbenzene	200		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 541-73-1	1,3-Dichlorobenzene	2.0	J	ug/L	10	1.11	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 99-87-6	p-Isopropyltoluene	800		ug/L	10	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 106-46-7	1,4-Dichlorobenzene	280		ug/L	10	1.65	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 95-50-1	1,2-Dichlorobenzene	5.0	J	ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 104-51-8	n-Butylbenzene	30		ug/L	25	1.39	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 120-82-1	1,2,4-Trichlorobenzene	10	J	ug/L	25	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 91-20-3	Naphthalene	830		ug/L	25	2.80	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	ORG 87-61-6	1,2,3-Trichlorobenzene	3.4	J	ug/L	25	1.16	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354				
NAL13026-1748	T1-071	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354	50	98%		
NAL13026-1748	T1-071	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354	50	96%		
NAL13026-1748	T1-071	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354	50	100%		
NAL13026-1748	T1-071	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5354	50	104%		



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D111814CCVA	D111814CCVA	ORG 75-71-8	Dichlorodifluoromethane	41		ug/L	5	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	82%		
D111814CCVA	D111814CCVA	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	82%		
D111814CCVA	D111814CCVA	ORG 75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 74-83-9	Bromomethane	67		ug/L	5	0.50	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	134%		
D111814CCVA	D111814CCVA	ORG 75-00-3	Chloroethane	51		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	ORG 75-69-4	Trichlorofluoromethane	105		ug/L	5	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	210%		
D111814CCVA	D111814CCVA	ORG 75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	100%		
D111814CCVA	D111814CCVA	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	ORG 67-64-1	Acetone	43		ug/L	10	1.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	86%		
D111814CCVA	D111814CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	94%		
D111814CCVA	D111814CCVA	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	108%		
D111814CCVA	D111814CCVA	ORG 74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	100%		
D111814CCVA	D111814CCVA	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	100%		
D111814CCVA	D111814CCVA	ORG 71-55-6	1,1,1-Trichloroethane	54		ug/L	1	0.17	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	108%		
D111814CCVA	D111814CCVA	ORG 78-93-3	2-Butanone	47		ug/L	1	0.81	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	94%		
D111814CCVA	D111814CCVA	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	116%		
D111814CCVA	D111814CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	96%		
D111814CCVA	D111814CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	110%		
D111814CCVA	D111814CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	100%		
D111814CCVA	D111814CCVA	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	100%		
D111814CCVA	D111814CCVA	ORG 127-18-4	Tetrachloroethene	38		ug/L	1	0.49	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	76%		
D111814CCVA	D111814CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		
D111814CCVA	D111814CCVA	ORG 591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	88%		
D111814CCVA	D111814CCVA	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	118%		
D111814CCVA	D111814CCVA	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	106%		
D111814CCVA	D111814CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	114%		
D111814CCVA	D111814CCVA	ORG XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	100	113%		
D111814CCVA	D111814CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	120%		
D111814CCVA	D111814CCVA	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	120%		
D111814CCVA	D111814CCVA	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	94%		
D111814CCVA	D111814CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	114%		
D111814CCVA	D111814CCVA	ORG 103-65-1	n-Propylbenzene	59		ug/L	2	0.27	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	118%		
D111814CCVA	D111814CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111814CCVA	D111814CCVA	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	110%		
D111814CCVA	D111814CCVA	ORG 98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	118%		
D111814CCVA	D111814CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	108%		
D111814CCVA	D111814CCVA	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	116%		
D111814CCVA	D111814CCVA	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	110%		
D111814CCVA	D111814CCVA	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	112%		
D111814CCVA	D111814CCVA	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	106%		
D111814CCVA	D111814CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	106%		
D111814CCVA	D111814CCVA	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	118%		
D111814CCVA	D111814CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	114%		
D111814CCVA	D111814CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	108%		
D111814CCVA	D111814CCVA	ORG 91-20-3	Naphthalene	53		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	106%		
D111814CCVA	D111814CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	102%		
D111814CCVA	D111814CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	92%		
D111814CCVA	D111814CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	98%		
D111814CCVA	D111814CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5351	50	104%		



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D111814MBKA	D111814MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						
D111814MBKA	D111814MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352						



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111814MBKA	D111814MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352				
D111814MBKA	D111814MBKA	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352	50	96%		
D111814MBKA	D111814MBKA	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352	50	100%		
D111814MBKA	D111814MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352	50	102%		
D111814MBKA	D111814MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5352	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111814ALCS	D111814ALCS	ORG 75-71-8	Dichlorodifluoromethane	41		ug/L	5	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	82%		
D111814ALCS	D111814ALCS	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	80%		
D111814ALCS	D111814ALCS	ORG 75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	102%		
D111814ALCS	D111814ALCS	ORG 74-83-9	Bromomethane	73		ug/L	5	0.50	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	146%		
D111814ALCS	D111814ALCS	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 75-69-4	Trichlorofluoromethane	132		ug/L	5	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	264%		
D111814ALCS	D111814ALCS	ORG 75-35-4	1,1-Dichloroethene	55		ug/L	1	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 75-09-2	Methylene chloride	26		ug/L	5	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	52%		
D111814ALCS	D111814ALCS	ORG 67-64-1	Acetone	40		ug/L	10	1.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	80%		
D111814ALCS	D111814ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	98%		
D111814ALCS	D111814ALCS	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	108%		
D111814ALCS	D111814ALCS	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 78-93-3	2-Butanone	56		ug/L	1	0.81	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	114%		
D111814ALCS	D111814ALCS	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	106%		
D111814ALCS	D111814ALCS	ORG 107-06-2	1,2-Dichloroethane	52		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 74-95-3	Dibromomethane	55		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	106%		
D111814ALCS	D111814ALCS	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	100%		
D111814ALCS	D111814ALCS	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	118%		
D111814ALCS	D111814ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	52		ug/L	1	0.31	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 127-18-4	Tetrachloroethene	40		ug/L	1	0.49	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	80%		
D111814ALCS	D111814ALCS	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	104%		
D111814ALCS	D111814ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	102%		
D111814ALCS	D111814ALCS	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 591-78-6	2-Hexanone	53		ug/L	2	0.69	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	106%		
D111814ALCS	D111814ALCS	ORG 100-41-4	Ethylbenzene	60		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	120%		
D111814ALCS	D111814ALCS	ORG 108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	108%		
D111814ALCS	D111814ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	114%		
D111814ALCS	D111814ALCS	ORG XYLMP	p&m-Xylene	116		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	100	116%		
D111814ALCS	D111814ALCS	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	122%		
D111814ALCS	D111814ALCS	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	122%		
D111814ALCS	D111814ALCS	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	98%		
D111814ALCS	D111814ALCS	ORG 98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	116%		
D111814ALCS	D111814ALCS	ORG 103-65-1	n-Propylbenzene	59		ug/L	2	0.27	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	118%		
D111814ALCS	D111814ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	56		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		



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D111814ALCS	D111814ALCS	ORG 96-18-4	1,2,3-Trichloropropane	55		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	116%		
D111814ALCS	D111814ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	116%		
D111814ALCS	D111814ALCS	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	106%		
D111814ALCS	D111814ALCS	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	118%		
D111814ALCS	D111814ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	56		ug/L	5	1.59	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	112%		
D111814ALCS	D111814ALCS	ORG 91-20-3	Naphthalene	60		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	120%		
D111814ALCS	D111814ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	110%		
D111814ALCS	D111814ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	102%		
D111814ALCS	D111814ALCS	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	98%		
D111814ALCS	D111814ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	98%		
D111814ALCS	D111814ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5356	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111814ALCD	D111814ALCD	ORG 75-71-8	Dichlorodifluoromethane	37		ug/L	5	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	74%	10%	
D111814ALCD	D111814ALCD	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	82%	2%	
D111814ALCD	D111814ALCD	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	96%	6%	
D111814ALCD	D111814ALCD	ORG 74-83-9	Bromomethane	50		ug/L	5	0.50	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	100%	37%	
D111814ALCD	D111814ALCD	ORG 75-00-3	Chloroethane	53		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	106%	4%	
D111814ALCD	D111814ALCD	ORG 75-69-4	Trichlorofluoromethane	68		ug/L	5	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	136%	64%	
D111814ALCD	D111814ALCD	ORG 75-35-4	1,1-Dichloroethene	45		ug/L	1	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	90%	20%	
D111814ALCD	D111814ALCD	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	98%	61%	
D111814ALCD	D111814ALCD	ORG 67-64-1	Acetone	63		ug/L	10	1.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	126%	45%	
D111814ALCD	D111814ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	98%	6%	
D111814ALCD	D111814ALCD	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	94%	4%	
D111814ALCD	D111814ALCD	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	102%	2%	
D111814ALCD	D111814ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	108%	0%	
D111814ALCD	D111814ALCD	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	104%	6%	
D111814ALCD	D111814ALCD	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	102%	2%	
D111814ALCD	D111814ALCD	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	104%	6%	
D111814ALCD	D111814ALCD	ORG 78-93-3	2-Butanone	46		ug/L	1	0.81	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	92%	20%	
D111814ALCD	D111814ALCD	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	110%	4%	
D111814ALCD	D111814ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	102%	4%	
D111814ALCD	D111814ALCD	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	100%	4%	
D111814ALCD	D111814ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	104%	0%	
D111814ALCD	D111814ALCD	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	106%	4%	
D111814ALCD	D111814ALCD	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	106%	0%	
D111814ALCD	D111814ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	106%	4%	
D111814ALCD	D111814ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	98%	2%	
D111814ALCD	D111814ALCD	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	102%	2%	
D111814ALCD	D111814ALCD	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	110%	7%	
D111814ALCD	D111814ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	100%	4%	
D111814ALCD	D111814ALCD	ORG 127-18-4	Tetrachloroethene	47		ug/L	1	0.49	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	94%	16%	
D111814ALCD	D111814ALCD	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	102%	2%	
D111814ALCD	D111814ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	100%	2%	
D111814ALCD	D111814ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	110%	2%	
D111814ALCD	D111814ALCD	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	100%	6%	
D111814ALCD	D111814ALCD	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	114%	5%	
D111814ALCD	D111814ALCD	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	104%	4%	
D111814ALCD	D111814ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	110%	4%	
D111814ALCD	D111814ALCD	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	100	111%	4%	
D111814ALCD	D111814ALCD	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	118%	3%	
D111814ALCD	D111814ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	118%	3%	
D111814ALCD	D111814ALCD	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	98%	0%	
D111814ALCD	D111814ALCD	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	110%	5%	
D111814ALCD	D111814ALCD	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	114%	3%	
D111814ALCD	D111814ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD53557	50	106%	6%	



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D111814ALCD	D111814ALCD	ORG 96-18-4	1,2,3-Trichloropropane	54		ug/L	2	0.29	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	2%	
D111814ALCD	D111814ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	4%	
D111814ALCD	D111814ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	106%	9%	
D111814ALCD	D111814ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	106%	4%	
D111814ALCD	D111814ALCD	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	112%	4%	
D111814ALCD	D111814ALCD	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	4%	
D111814ALCD	D111814ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	4%	
D111814ALCD	D111814ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	104%	2%	
D111814ALCD	D111814ALCD	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	2%	
D111814ALCD	D111814ALCD	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	114%	3%	
D111814ALCD	D111814ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	110%	2%	
D111814ALCD	D111814ALCD	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	104%	6%	
D111814ALCD	D111814ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	108%	4%	
D111814ALCD	D111814ALCD	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	118%	2%	
D111814ALCD	D111814ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	106%	4%	
D111814ALCD	D111814ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	104%	2%	
D111814ALCD	D111814ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	96%	2%	
D111814ALCD	D111814ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	98%	0%	
D111814ALCD	D111814ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/18/2014	11/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5357	50	102%	0%	



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NAL13026-1748MS	T1-071	ORG 75-71-8	Dichlorodifluoromethane	190		ug/L	25	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	76%		
NAL13026-1748MS	T1-071	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	84%		
NAL13026-1748MS	T1-071	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 74-83-9	Bromomethane	290		ug/L	25	2.50	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	116%		
NAL13026-1748MS	T1-071	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 75-69-4	Trichlorofluoromethane	330		ug/L	25	0.98	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	132%		
NAL13026-1748MS	T1-071	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 67-64-1	Acetone	36000		ug/L	50	7.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	#####		72000
NAL13026-1748MS	T1-071	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 78-93-3	2-Butanone	21000		ug/L	5	4.06	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	2400%		15000
NAL13026-1748MS	T1-071	ORG 56-23-5	Carbon tetrachloride	240		ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	103%		13
NAL13026-1748MS	T1-071	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	112%		
NAL13026-1748MS	T1-071	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	104%		
NAL13026-1748MS	T1-071	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		
NAL13026-1748MS	T1-071	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	100%		9
NAL13026-1748MS	T1-071	ORG 108-10-1	4-Methyl-2-pentanone	1100		ug/L	25	3.70	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	120%		800
NAL13026-1748MS	T1-071	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	80%		
NAL13026-1748MS	T1-071	ORG 79-00-5	1,1,2-Trichloroethane	270		ug/L	5	1.71	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	96%		
NAL13026-1748MS	T1-071	ORG 106-93-4	1,2-Dibromoethane	280		ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	112%		
NAL13026-1748MS	T1-071	ORG 591-78-6	2-Hexanone	470		ug/L	10	3.45	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	36%		380
NAL13026-1748MS	T1-071	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	111%		22
NAL13026-1748MS	T1-071	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	103%		2.3
NAL13026-1748MS	T1-071	ORG 630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	104%		
NAL13026-1748MS	T1-071	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	500	106%		52
NAL13026-1748MS	T1-071	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	117%		38
NAL13026-1748MS	T1-071	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	122%		4.3
NAL13026-1748MS	T1-071	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	92%		
NAL13026-1748MS	T1-071	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	113%		7
NAL13026-1748MS	T1-071	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	116%		
NAL13026-1748MS	T1-071	ORG 79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	128%		

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

- B** = Analyte is found in the associated blank as well as in the sample.
- D** = Compound identified in an analysis at a secondary dilution factor.
- E** = Compound's concentration exceeds the calibration range of the instrument at this dilution.
- X** = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
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- M** = Matrix assessment, QC analyses parameter exceeded control limits.
- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1748MS	T1-071	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 108-67-8	1,3,5-Trimethylbenzene	300		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		30
NAL13026-1748MS	T1-071	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	108%		
NAL13026-1748MS	T1-071	ORG 95-63-6	1,2,4-Trimethylbenzene	430		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	92%		200
NAL13026-1748MS	T1-071	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	116%		
NAL13026-1748MS	T1-071	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	107%		2
NAL13026-1748MS	T1-071	ORG 99-87-6	p-Isopropyltoluene	860		ug/L	10	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	24%		800
NAL13026-1748MS	T1-071	ORG 106-46-7	1,4-Dichlorobenzene	500		ug/L	10	1.65	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	88%		280
NAL13026-1748MS	T1-071	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	110%		5
NAL13026-1748MS	T1-071	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	112%		30
NAL13026-1748MS	T1-071	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	124%		
NAL13026-1748MS	T1-071	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	80%		280
NAL13026-1748MS	T1-071	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	104%		10
NAL13026-1748MS	T1-071	ORG 91-20-3	Naphthalene	960		ug/L	25	2.80	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	52%		830
NAL13026-1748MS	T1-071	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	250	99%		3.4
NAL13026-1748MS	T1-071	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	50	104%		
NAL13026-1748MS	T1-071	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	50	94%		
NAL13026-1748MS	T1-071	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	50	96%		
NAL13026-1748MS	T1-071	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5358	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1748MSD	T1-071	ORG 75-71-8	Dichlorodifluoromethane	190		ug/L	25	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	76%	0%	
NAL13026-1748MSD	T1-071	ORG 74-87-3	Chloromethane	220		ug/L	25	2.15	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	88%	5%	
NAL13026-1748MSD	T1-071	ORG 75-01-4	Vinyl chloride	250		ug/L	10	1.59	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	4%	
NAL13026-1748MSD	T1-071	ORG 74-83-9	Bromomethane	260		ug/L	25	2.50	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	11%	
NAL13026-1748MSD	T1-071	ORG 75-00-3	Chloroethane	260		ug/L	25	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	4%	
NAL13026-1748MSD	T1-071	ORG 75-69-4	Trichlorofluoromethane	370		ug/L	25	0.98	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	148%	11%	
NAL13026-1748MSD	T1-071	ORG 75-35-4	1,1-Dichloroethene	200		ug/L	5	2.36	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	80%	18%	
NAL13026-1748MSD	T1-071	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	96%	0%	
NAL13026-1748MSD	T1-071	ORG 67-64-1	Acetone	35000		ug/L	50	7.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	#####	3%	72000
NAL13026-1748MSD	T1-071	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	
NAL13026-1748MSD	T1-071	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	96%	0%	
NAL13026-1748MSD	T1-071	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	
NAL13026-1748MSD	T1-071	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	0%	
NAL13026-1748MSD	T1-071	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	
NAL13026-1748MSD	T1-071	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	4%	
NAL13026-1748MSD	T1-071	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	0%	
NAL13026-1748MSD	T1-071	ORG 78-93-3	2-Butanone	20000		ug/L	5	4.06	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	2000%	5%	15000
NAL13026-1748MSD	T1-071	ORG 56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	4%	
NAL13026-1748MSD	T1-071	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	103%	0%	13
NAL13026-1748MSD	T1-071	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	
NAL13026-1748MSD	T1-071	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	4%	
NAL13026-1748MSD	T1-071	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	4%	
NAL13026-1748MSD	T1-071	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	0%	
NAL13026-1748MSD	T1-071	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	0%	
NAL13026-1748MSD	T1-071	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	
NAL13026-1748MSD	T1-071	ORG 108-88-3	Toluene	260		ug/L	5	1.05	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	100%	0%	9
NAL13026-1748MSD	T1-071	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	80%	10%	800
NAL13026-1748MSD	T1-071	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	96%	0%	
NAL13026-1748MSD	T1-071	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	80%	0%	
NAL13026-1748MSD	T1-071	ORG 79-00-5	1,1,2-Trichloroethane	260		ug/L	5	1.71	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	4%	
NAL13026-1748MSD	T1-071	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	92%	4%	
NAL13026-1748MSD	T1-071	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	4%	
NAL13026-1748MSD	T1-071	ORG 591-78-6	2-Hexanone	450		ug/L	10	3.45	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	28%	4%	380
NAL13026-1748MSD	T1-071	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	111%	0%	22
NAL13026-1748MSD	T1-071	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	103%	0%	2.3
NAL13026-1748MSD	T1-071	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	4%	
NAL13026-1748MSD	T1-071	ORG XYLMP	p&m-Xylene	590		ug/L	10	1.31	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	500	108%	2%	52
NAL13026-1748MSD	T1-071	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	117%	0%	38
NAL13026-1748MSD	T1-071	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	122%	0%	4.3
NAL13026-1748MSD	T1-071	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	92%	0%	
NAL13026-1748MSD	T1-071	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	113%	0%	7
NAL13026-1748MSD	T1-071	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	120%	3%	
NAL13026-1748MSD	T1-071	ORG 79-34-5	1,1,2,2-Tetrachloroethane	310		ug/L	10	1.46	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	124%	3%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1748MSD	T1-071	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	4%	
NAL13026-1748MSD	T1-071	ORG 108-67-8	1,3,5-Trimethylbenzene	300		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	108%	0%	30
NAL13026-1748MSD	T1-071	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	112%	4%	
NAL13026-1748MSD	T1-071	ORG 95-63-6	1,2,4-Trimethylbenzene	430		ug/L	10	1.00	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	92%	0%	200
NAL13026-1748MSD	T1-071	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	116%	0%	
NAL13026-1748MSD	T1-071	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	107%	0%	2
NAL13026-1748MSD	T1-071	ORG 99-87-6	p-Isopropyltoluene	830		ug/L	10	1.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	12%	4%	800
NAL13026-1748MSD	T1-071	ORG 106-46-7	1,4-Dichlorobenzene	490		ug/L	10	1.65	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	84%	2%	280
NAL13026-1748MSD	T1-071	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	110%	0%	5
NAL13026-1748MSD	T1-071	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	112%	0%	30
NAL13026-1748MSD	T1-071	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	116%	7%	
NAL13026-1748MSD	T1-071	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	80%	0%	
NAL13026-1748MSD	T1-071	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	104%	0%	10
NAL13026-1748MSD	T1-071	ORG 91-20-3	Naphthalene	910		ug/L	25	2.80	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	32%	5%	830
NAL13026-1748MSD	T1-071	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	250	95%	4%	3.4
NAL13026-1748MSD	T1-071	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	50	104%	0%	
NAL13026-1748MSD	T1-071	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	50	94%	0%	
NAL13026-1748MSD	T1-071	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	50	96%	0%	
NAL13026-1748MSD	T1-071	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/18/2014	11/18/2014	11/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5359	50	104%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1749	T1-072	ORG 75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 67-64-1	Acetone	61000	DX-	ug/L	5000	778.04	11/19/2014	11/19/2014	11/19/2014	WG	500	NA	5.0	NA	SW8260B	NALD5364				
NAL13026-1749	T1-072	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 78-93-3	2-Butanone	12000	D	ug/L	5000	405.90	11/19/2014	11/19/2014	11/19/2014	WG	500	NA	5.0	NA	SW8260B	NALD5364				
NAL13026-1749	T1-072	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 71-43-2	Benzene	25		ug/L	5	0.68	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 108-88-3	Toluene	20		ug/L	5	1.05	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 591-78-6	2-Hexanone	400		ug/L	25	3.45	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 100-41-4	Ethylbenzene	48		ug/L	5	1.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 108-90-7	Chlorobenzene	5.0		ug/L	5	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG XYLMP	p&M-Xylene	120		ug/L	10	1.31	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 95-47-6	o-Xylene	89		ug/L	5	0.64	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 100-42-5	Styrene	9.9		ug/L	5	1.01	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 98-82-8	Isopropylbenzene	21		ug/L	10	1.02	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 103-65-1	n-Propylbenzene	9.9	J	ug/L	10	1.35	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1749	T1-072	ORG 108-67-8	1,3,5-Trimethylbenzene	59		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 541-73-1	1,3-Dichlorobenzene	3.6	J	ug/L	10	1.11	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 99-87-6	p-Isopropyltoluene	1100	E	ug/L	10	1.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 106-46-7	1,4-Dichlorobenzene	440		ug/L	10	1.65	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 95-50-1	1,2-Dichlorobenzene	7.9	J	ug/L	10	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 104-51-8	n-Butylbenzene	24	J	ug/L	25	1.39	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 120-82-1	1,2,4-Trichlorobenzene	7.3	J	ug/L	25	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 91-20-3	Naphthalene	590		ug/L	25	2.80	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	ORG 87-61-6	1,2,3-Trichlorobenzene	3.3	J	ug/L	25	1.16	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365				
NAL13026-1749	T1-072	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365	50	98%		
NAL13026-1749	T1-072	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365	50	96%		
NAL13026-1749	T1-072	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365	50	98%		
NAL13026-1749	T1-072	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5365	50	102%		



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FINAL ANALYTICAL REPORT

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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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D111914CCVA	D111914CCVA	ORG 75-71-8	Dichlorodifluoromethane	37		ug/L	5	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	74%		
D111914CCVA	D111914CCVA	ORG 74-87-3	Chloromethane	42		ug/L	5	0.43	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	84%		
D111914CCVA	D111914CCVA	ORG 75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 74-83-9	Bromomethane	59		ug/L	5	0.50	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	118%		
D111914CCVA	D111914CCVA	ORG 75-00-3	Chloroethane	53		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	106%		
D111914CCVA	D111914CCVA	ORG 75-69-4	Trichlorofluoromethane	87		ug/L	5	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	174%		
D111914CCVA	D111914CCVA	ORG 75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	92%		
D111914CCVA	D111914CCVA	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	98%		
D111914CCVA	D111914CCVA	ORG 67-64-1	Acetone	37		ug/L	10	1.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	74%		
D111914CCVA	D111914CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	100%		
D111914CCVA	D111914CCVA	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	96%		
D111914CCVA	D111914CCVA	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	98%		
D111914CCVA	D111914CCVA	ORG 71-55-6	1,1,1-Trichloroethane	54		ug/L	1	0.17	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 78-93-3	2-Butanone	47		ug/L	1	0.81	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	94%		
D111914CCVA	D111914CCVA	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	94%		
D111914CCVA	D111914CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	100%		
D111914CCVA	D111914CCVA	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	98%		
D111914CCVA	D111914CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	78%		
D111914CCVA	D111914CCVA	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	94%		
D111914CCVA	D111914CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	98%		
D111914CCVA	D111914CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	86%		
D111914CCVA	D111914CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	112%		
D111914CCVA	D111914CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	100	110%		
D111914CCVA	D111914CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	120%		
D111914CCVA	D111914CCVA	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	120%		
D111914CCVA	D111914CCVA	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	94%		
D111914CCVA	D111914CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	114%		
D111914CCVA	D111914CCVA	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	100%		
D111914CCVA	D111914CCVA	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	96%		



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D111914CCVA	D111914CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	114%		
D111914CCVA	D111914CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	108%		
D111914CCVA	D111914CCVA	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	112%		
D111914CCVA	D111914CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	106%		
D111914CCVA	D111914CCVA	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	100%		
D111914CCVA	D111914CCVA	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	116%		
D111914CCVA	D111914CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	110%		
D111914CCVA	D111914CCVA	ORG 91-20-3	Naphthalene	52		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		
D111914CCVA	D111914CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	102%		
D111914CCVA	D111914CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	100%		
D111914CCVA	D111914CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	92%		
D111914CCVA	D111914CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	98%		
D111914CCVA	D111914CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5361	50	104%		



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D111914MBKA	D111914MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				
D111914MBKA	D111914MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5463				



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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.

J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Table with 21 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Rows list various chemical compounds like 1,3,5-Trimethylbenzene, tert-Butylbenzene, etc., with their respective analysis results and QC status.



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111914ALCS	D111914ALCS	ORG 75-71-8	Dichlorodifluoromethane	33		ug/L	5	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	66%		
D111914ALCS	D111914ALCS	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	80%		
D111914ALCS	D111914ALCS	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	92%		
D111914ALCS	D111914ALCS	ORG 74-83-9	Bromomethane	52		ug/L	5	0.50	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		
D111914ALCS	D111914ALCS	ORG 75-00-3	Chloroethane	50		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	100%		
D111914ALCS	D111914ALCS	ORG 75-69-4	Trichlorofluoromethane	65		ug/L	5	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	130%		
D111914ALCS	D111914ALCS	ORG 75-35-4	1,1-Dichloroethene	45		ug/L	1	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	90%		
D111914ALCS	D111914ALCS	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	ORG 67-64-1	Acetone	50		ug/L	10	1.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	100%		
D111914ALCS	D111914ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	110%		
D111914ALCS	D111914ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		
D111914ALCS	D111914ALCS	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	106%		
D111914ALCS	D111914ALCS	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	116%		
D111914ALCS	D111914ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	100%		
D111914ALCS	D111914ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		
D111914ALCS	D111914ALCS	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	108%		
D111914ALCS	D111914ALCS	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	106%		
D111914ALCS	D111914ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	108%		
D111914ALCS	D111914ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	100%		
D111914ALCS	D111914ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	112%		
D111914ALCS	D111914ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 127-18-4	Tetrachloroethene	40		ug/L	1	0.49	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	80%		
D111914ALCS	D111914ALCS	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	100%		
D111914ALCS	D111914ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	102%		
D111914ALCS	D111914ALCS	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	110%		
D111914ALCS	D111914ALCS	ORG 591-78-6	2-Hexanone	49		ug/L	2	0.69	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	114%		
D111914ALCS	D111914ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		
D111914ALCS	D111914ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	112%		
D111914ALCS	D111914ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	100	110%		
D111914ALCS	D111914ALCS	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	120%		
D111914ALCS	D111914ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	120%		
D111914ALCS	D111914ALCS	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	112%		
D111914ALCS	D111914ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	114%		
D111914ALCS	D111914ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	54		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	108%		
D111914ALCS	D111914ALCS	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111914ALCS	D111914ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	108%		
D111914ALCS	D111914ALCS	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	114%		
D111914ALCS	D111914ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	108%		
D111914ALCS	D111914ALCS	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	112%		
D111914ALCS	D111914ALCS	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	110%		
D111914ALCS	D111914ALCS	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	112%		
D111914ALCS	D111914ALCS	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	106%		
D111914ALCS	D111914ALCS	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	110%		
D111914ALCS	D111914ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	116%		
D111914ALCS	D111914ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	116%		
D111914ALCS	D111914ALCS	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	114%		
D111914ALCS	D111914ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	114%		
D111914ALCS	D111914ALCS	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	118%		
D111914ALCS	D111914ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	110%		
D111914ALCS	D111914ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		
D111914ALCS	D111914ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	96%		
D111914ALCS	D111914ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	98%		
D111914ALCS	D111914ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5362	50	104%		



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FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D111914ALCD	D111914ALCD	ORG 75-71-8	Dichlorodifluoromethane	35		ug/L	5	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	70%	6%	
D111914ALCD	D111914ALCD	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	82%	2%	
D111914ALCD	D111914ALCD	ORG 75-01-4	Vinyl chloride	47		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	94%	2%	
D111914ALCD	D111914ALCD	ORG 74-83-9	Bromomethane	55		ug/L	5	0.50	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	6%	
D111914ALCD	D111914ALCD	ORG 75-00-3	Chloroethane	50		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	100%	0%	
D111914ALCD	D111914ALCD	ORG 75-69-4	Trichlorofluoromethane	72		ug/L	5	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	144%	10%	
D111914ALCD	D111914ALCD	ORG 75-35-4	1,1-Dichloroethene	48		ug/L	1	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	96%	6%	
D111914ALCD	D111914ALCD	ORG 75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	102%	4%	
D111914ALCD	D111914ALCD	ORG 67-64-1	Acetone	49		ug/L	10	1.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	98%	2%	
D111914ALCD	D111914ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	98%	0%	
D111914ALCD	D111914ALCD	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	112%	2%	
D111914ALCD	D111914ALCD	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	108%	4%	
D111914ALCD	D111914ALCD	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	4%	
D111914ALCD	D111914ALCD	ORG 78-93-3	2-Butanone	54		ug/L	1	0.81	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	108%	10%	
D111914ALCD	D111914ALCD	ORG 56-23-5	Carbon tetrachloride	59		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	118%	2%	
D111914ALCD	D111914ALCD	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	106%	4%	
D111914ALCD	D111914ALCD	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	102%	2%	
D111914ALCD	D111914ALCD	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	108%	4%	
D111914ALCD	D111914ALCD	ORG 74-95-3	Dibromomethane	55		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	2%	
D111914ALCD	D111914ALCD	ORG 78-87-5	1,2-Dichloropropane	54		ug/L	1	0.18	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	108%	2%	
D111914ALCD	D111914ALCD	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	2%	
D111914ALCD	D111914ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	102%	2%	
D111914ALCD	D111914ALCD	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 108-10-1	4-Methyl-2-pentanone	58		ug/L	5	0.74	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	116%	4%	
D111914ALCD	D111914ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	52		ug/L	1	0.31	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 127-18-4	Tetrachloroethene	45		ug/L	1	0.49	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	90%	12%	
D111914ALCD	D111914ALCD	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	4%	
D111914ALCD	D111914ALCD	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	2%	
D111914ALCD	D111914ALCD	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	112%	2%	
D111914ALCD	D111914ALCD	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	102%	4%	
D111914ALCD	D111914ALCD	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	118%	3%	
D111914ALCD	D111914ALCD	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	106%	2%	
D111914ALCD	D111914ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	114%	2%	
D111914ALCD	D111914ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	100	110%	0%	
D111914ALCD	D111914ALCD	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	120%	0%	
D111914ALCD	D111914ALCD	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	122%	2%	
D111914ALCD	D111914ALCD	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	100%	2%	
D111914ALCD	D111914ALCD	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	114%	2%	
D111914ALCD	D111914ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	116%	2%	
D111914ALCD	D111914ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	55		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	2%	
D111914ALCD	D111914ALCD	ORG 96-18-4	1,2,3-Trichloropropane	55		ug/L	2	0.29	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	4%	

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D111914AKCF

D111914AKCF



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D111914ALCD	D111914ALCD	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	112%	2%	
D111914ALCD	D111914ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	2%	
D111914ALCD	D111914ALCD	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	116%	4%	
D111914ALCD	D111914ALCD	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	112%	2%	
D111914ALCD	D111914ALCD	ORG 99-87-6	p-Isopropyltoluene	57		ug/L	2	0.25	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	114%	2%	
D111914ALCD	D111914ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	108%	2%	
D111914ALCD	D111914ALCD	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	0%	
D111914ALCD	D111914ALCD	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	118%	2%	
D111914ALCD	D111914ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	57		ug/L	5	1.59	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	114%	2%	
D111914ALCD	D111914ALCD	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	112%	2%	
D111914ALCD	D111914ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	114%	0%	
D111914ALCD	D111914ALCD	ORG 91-20-3	Naphthalene	61		ug/L	5	0.56	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	122%	3%	
D111914ALCD	D111914ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	110%	0%	
D111914ALCD	D111914ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	104%	0%	
D111914ALCD	D111914ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	96%	0%	
D111914ALCD	D111914ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	98%	0%	
D111914ALCD	D111914ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/19/2014	11/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5367	50	102%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1749MS	T1-072	ORG 75-71-8	Dichlorodifluoromethane	160		ug/L	25	1.46	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	64%		
NAL13026-1749MS	T1-072	ORG 74-87-3	Chloromethane	200		ug/L	25	2.15	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	80%		
NAL13026-1749MS	T1-072	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	92%		
NAL13026-1749MS	T1-072	ORG 74-83-9	Bromomethane	280		ug/L	25	2.50	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	112%		
NAL13026-1749MS	T1-072	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 75-69-4	Trichlorofluoromethane	350		ug/L	25	0.98	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	140%		
NAL13026-1749MS	T1-072	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	96%		
NAL13026-1749MS	T1-072	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 67-64-1	Acetone	34000		ug/L	50	7.78	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	-10800%		61000
NAL13026-1749MS	T1-072	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	96%		
NAL13026-1749MS	T1-072	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	112%		
NAL13026-1749MS	T1-072	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		
NAL13026-1749MS	T1-072	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	108%		
NAL13026-1749MS	T1-072	ORG 78-93-3	2-Butanone	20000		ug/L	5	4.06	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	3200%		12000
NAL13026-1749MS	T1-072	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	108%		
NAL13026-1749MS	T1-072	ORG 71-43-2	Benzene	280		ug/L	5	0.68	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	102%		25
NAL13026-1749MS	T1-072	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		
NAL13026-1749MS	T1-072	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		
NAL13026-1749MS	T1-072	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	112%		
NAL13026-1749MS	T1-072	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	108%		
NAL13026-1749MS	T1-072	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		
NAL13026-1749MS	T1-072	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	96%		
NAL13026-1749MS	T1-072	ORG 108-88-3	Toluene	270		ug/L	5	1.05	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	100%		20
NAL13026-1749MS	T1-072	ORG 108-10-1	4-Methyl-2-pentanone	1200		ug/L	25	3.70	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	80%		1000
NAL13026-1749MS	T1-072	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	96%		
NAL13026-1749MS	T1-072	ORG 127-18-4	Tetrahydroethene	190		ug/L	5	2.43	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	76%		
NAL13026-1749MS	T1-072	ORG 79-00-5	1,1,2-Trichloroethane	300		ug/L	5	1.71	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	120%		
NAL13026-1749MS	T1-072	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	96%		
NAL13026-1749MS	T1-072	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	108%		
NAL13026-1749MS	T1-072	ORG 591-78-6	2-Hexanone	500		ug/L	10	3.45	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	40%		400
NAL13026-1749MS	T1-072	ORG 100-41-4	Ethylbenzene	310		ug/L	5	1.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	105%		48
NAL13026-1749MS	T1-072	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	98%		5.0
NAL13026-1749MS	T1-072	ORG 630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		
NAL13026-1749MS	T1-072	ORG XYLMP	p&m-Xylene	630		ug/L	10	1.31	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	500	102%		120
NAL13026-1749MS	T1-072	ORG 95-47-6	o-Xylene	370		ug/L	5	0.64	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	112%		89
NAL13026-1749MS	T1-072	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	120%		9.9
NAL13026-1749MS	T1-072	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	92%		
NAL13026-1749MS	T1-072	ORG 98-82-8	Isopropylbenzene	300		ug/L	10	1.02	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	112%		21
NAL13026-1749MS	T1-072	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	116%		9.9
NAL13026-1749MS	T1-072	ORG 79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	128%		
NAL13026-1749MS	T1-072	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		

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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1749MS	T1-072	ORG 108-67-8	1,3,5-Trimethylbenzene	320		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	104%		59
NAL13026-1749MS	T1-072	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	108%		
NAL13026-1749MS	T1-072	ORG 95-63-6	1,2,4-Trimethylbenzene	560		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	92%		330
NAL13026-1749MS	T1-072	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	116%		
NAL13026-1749MS	T1-072	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	107%		3.6
NAL13026-1749MS	T1-072	ORG 99-87-6	p-Isopropyltoluene	1100		ug/L	10	1.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	0%		1100
NAL13026-1749MS	T1-072	ORG 106-46-7	1,4-Dichlorobenzene	670		ug/L	10	1.65	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	92%		440
NAL13026-1749MS	T1-072	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	105%		7.9
NAL13026-1749MS	T1-072	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	114%		24
NAL13026-1749MS	T1-072	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	120%		
NAL13026-1749MS	T1-072	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	84%		
NAL13026-1749MS	T1-072	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	105%		7.3
NAL13026-1749MS	T1-072	ORG 91-20-3	Naphthalene	800		ug/L	25	2.80	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	84%		590
NAL13026-1749MS	T1-072	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	250	95%		3.3
NAL13026-1749MS	T1-072	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	50	104%		
NAL13026-1749MS	T1-072	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	50	94%		
NAL13026-1749MS	T1-072	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	50	96%		
NAL13026-1749MS	T1-072	STD 460-00-4	Bromofluorobenzene	50		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5368	50	100%		



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Table with columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Contains 40 rows of analytical data for various compounds like Dichlorodifluoromethane, Chloromethane, Vinyl chloride, etc.

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NAL13026-1749MSD	T1-072	ORG 108-67-8	1,3,5-Trimethylbenzene	320		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	104%	0%	59
NAL13026-1749MSD	T1-072	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	108%	0%	
NAL13026-1749MSD	T1-072	ORG 95-63-6	1,2,4-Trimethylbenzene	570		ug/L	10	1.00	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	96%	2%	330
NAL13026-1749MSD	T1-072	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	116%	0%	
NAL13026-1749MSD	T1-072	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	107%	0%	3.6
NAL13026-1749MSD	T1-072	ORG 99-87-6	p-Isopropyltoluene	1100		ug/L	10	1.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	0%	0%	1100
NAL13026-1749MSD	T1-072	ORG 106-46-7	1,4-Dichlorobenzene	680		ug/L	10	1.65	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	96%	1%	440
NAL13026-1749MSD	T1-072	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	105%	0%	7.9
NAL13026-1749MSD	T1-072	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	114%	0%	24
NAL13026-1749MSD	T1-072	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	116%	3%	
NAL13026-1749MSD	T1-072	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	84%	0%	
NAL13026-1749MSD	T1-072	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	101%	4%	7.3
NAL13026-1749MSD	T1-072	ORG 91-20-3	Naphthalene	790		ug/L	25	2.80	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	80%	1%	590
NAL13026-1749MSD	T1-072	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	250	95%	0%	3.3
NAL13026-1749MSD	T1-072	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	50	104%	0%	
NAL13026-1749MSD	T1-072	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	50	94%	0%	
NAL13026-1749MSD	T1-072	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	50	96%	0%	
NAL13026-1749MSD	T1-072	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/19/2014	11/19/2014	11/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5369	50	102%	2%	



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Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1750	T1-073	ORG 75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 74-87-3	Chloromethane		UX-	ug/L	25	2.15	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 67-64-1	Acetone	35000	D	ug/L	5000	778.04	11/20/2014	11/20/2014	11/20/2014	WG	500	NA	5.0	NA	SW8260B	NALD5376				
NAL13026-1750	T1-073	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 78-93-3	2-Butanone	12000	D	ug/L	5000	405.90	11/20/2014	11/20/2014	11/20/2014	WG	500	NA	5.0	NA	SW8260B	NALD5376				
NAL13026-1750	T1-073	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 71-43-2	Benzene	3.1	J	ug/L	5	0.68	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 108-88-3	Toluene	2.6	J	ug/L	5	1.05	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 108-10-1	4-Methyl-2-pentanone	920		ug/L	25	3.70	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 591-78-6	2-Hexanone	490		ug/L	25	3.45	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 100-41-4	Ethylbenzene	10		ug/L	5	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 108-90-7	Chlorobenzene	2.0	J	ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG XYLMP	p&m-Xylene	31		ug/L	10	1.31	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 95-47-6	o-Xylene	35		ug/L	5	0.64	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 100-42-5	Styrene	4.3	J	ug/L	5	1.01	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 98-82-8	Isopropylbenzene	3.8	J	ug/L	10	1.02	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				



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NAL13026-1750	T1-073	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 108-67-8	1,3,5-Trimethylbenzene	45		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 541-73-1	1,3-Dichlorobenzene	2.9	J	ug/L	10	1.11	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 99-87-6	p-Isopropyltoluene	1200	E	ug/L	10	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 106-46-7	1,4-Dichlorobenzene	450		ug/L	10	1.65	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 95-50-1	1,2-Dichlorobenzene	8.2	J	ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 104-51-8	n-Butylbenzene	36		ug/L	25	1.39	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 120-82-1	1,2,4-Trichlorobenzene	10	J	ug/L	25	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 91-20-3	Naphthalene	870		ug/L	25	2.80	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	ORG 87-61-6	1,2,3-Trichlorobenzene	3.7	J	ug/L	25	1.16	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375				
NAL13026-1750	T1-073	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375	50	98%		
NAL13026-1750	T1-073	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375	50	96%		
NAL13026-1750	T1-073	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375	50	98%		
NAL13026-1750	T1-073	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5375	50	102%		

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NAL13026-1751	96K 11-20-14	ORG 75-71-8	Dichlorodifluoromethane		UX-	ug/L	5	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 74-87-3	Chloromethane		UX-	ug/L	5	0.43	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-01-4	Vinyl chloride		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 74-83-9	Bromomethane		U	ug/L	5	0.50	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-00-3	Chloroethane		U	ug/L	5	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-09-2	Methylene chloride		U	ug/L	5	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 67-64-1	Acetone	11000	D	ug/L	1000	155.61	11/20/2014	11/20/2014	11/20/2014	WG	100	NA	5.0	NA	SW8260B	NALD5379				
NAL13026-1751	96K 11-20-14	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 1634-04-4	MTBE		U	ug/L	5	0.61	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 74-97-5	Bromochloromethane		U	ug/L	2	0.41	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 67-66-3	Chloroform	0.58	J	ug/L	1	0.16	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 78-93-3	2-Butanone	2100	D	ug/L	1000	81.18	11/20/2014	11/20/2014	11/20/2014	WG	100	NA	5.0	NA	SW8260B	NALD5379				
NAL13026-1751	96K 11-20-14	ORG 56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 71-43-2	Benzene	2.0		ug/L	1	0.14	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 79-01-6	Trichloroethene		U	ug/L	1	0.36	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 74-95-3	Dibromomethane		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-27-4	Bromodichloromethane		U	ug/L	2	0.12	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 108-88-3	Toluene	1.3		ug/L	1	0.21	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 108-10-1	4-Methyl-2-pentanone	250	D	ug/L	50	7.40	11/20/2014	11/20/2014	11/20/2014	WG	10	NA	5.0	NA	SW8260B	NALD5380				
NAL13026-1751	96K 11-20-14	ORG 10061-02-6	trans-1,3-Dichloropropene	3.3		ug/L	1	0.31	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 127-18-4	Tetrachloroethene		U	ug/L	1	0.49	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 124-48-1	Dibromochloromethane	4.2		ug/L	2	0.30	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 106-93-4	1,2-Dibromoethane	0.28	J	ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 591-78-6	2-Hexanone	54		ug/L	5	0.69	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 100-41-4	Ethylbenzene	3.6		ug/L	1	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 108-90-7	Chlorobenzene	0.76	J	ug/L	1	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG XYLMP	p&m-Xylene	8.7		ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 95-47-6	o-Xylene	8.5		ug/L	1	0.13	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 100-42-5	Styrene	0.76	J	ug/L	1	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 75-25-2	Bromoform		U	ug/L	2	0.47	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 98-82-8	Isopropylbenzene		U	ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 103-65-1	n-Propylbenzene		U	ug/L	2	0.27	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1751	96K 11-20-14	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 108-67-8	1,3,5-Trimethylbenzene	2.9		ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 95-63-6	1,2,4-Trimethylbenzene	21		ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 541-73-1	1,3-Dichlorobenzene	0.76	J	ug/L	2	0.22	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 99-87-6	p-Isopropyltoluene	20		ug/L	2	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 106-46-7	1,4-Dichlorobenzene	66		ug/L	2	0.33	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 95-50-1	1,2-Dichlorobenzene	1.5	J	ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 104-51-8	n-Butylbenzene	0.88	J	ug/L	5	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 87-68-3	Hexachlorobutadiene	0.41	J	ug/L	5	0.65	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 120-82-1	1,2,4-Trichlorobenzene	1.3	J	ug/L	5	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 91-20-3	Naphthalene	25		ug/L	5	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	ORG 87-61-6	1,2,3-Trichlorobenzene	0.86		ug/L	5	0.23	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377				
NAL13026-1751	96K 11-20-14	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377	50	100%		
NAL13026-1751	96K 11-20-14	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377	50	98%		
NAL13026-1751	96K 11-20-14	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377	50	98%		
NAL13026-1751	96K 11-20-14	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5377	50	106%		

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NAL13026-1752	VOC-P-LPTP	ORG 75-71-8	Dichlorodifluoromethane		UX-	ug/L	5	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 74-87-3	Chloromethane		UX-	ug/L	5	0.43	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-01-4	Vinyl chloride		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 74-83-9	Bromomethane		U	ug/L	5	0.50	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-00-3	Chloroethane		U	ug/L	5	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-09-2	Methylene chloride		U	ug/L	5	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 67-64-1	Acetone	8800	D	ug/L	1000	155.61	11/20/2014	11/20/2014	11/20/2014	WG	100	NA	5.0	NA	SW8260B	NALD5386				
NAL13026-1752	VOC-P-LPTP	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 1634-04-4	MTBE		U	ug/L	5	0.61	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 74-97-5	Bromochloromethane		U	ug/L	2	0.41	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 67-66-3	Chloroform	0.32	J	ug/L	1	0.16	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 78-93-3	2-Butanone	1700	D	ug/L	1000	81.18	11/20/2014	11/20/2014	11/20/2014	WG	100	NA	5.0	NA	SW8260B	NALD5386				
NAL13026-1752	VOC-P-LPTP	ORG 56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 71-43-2	Benzene	1.9		ug/L	1	0.14	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 79-01-6	Trichloroethene		U	ug/L	1	0.36	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 74-95-3	Dibromomethane		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-27-4	Bromodichloromethane		U	ug/L	2	0.12	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 108-88-3	Toluene	1.3		ug/L	1	0.21	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 108-10-1	4-Methyl-2-pentanone	250	D	ug/L	50	7.40	11/20/2014	11/20/2014	11/20/2014	WG	10	NA	5.0	NA	SW8260B	NALD5387				
NAL13026-1752	VOC-P-LPTP	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 127-18-4	Tetrachloroethene		U	ug/L	1	0.49	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 124-48-1	Dibromochloromethane		U	ug/L	2	0.30	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 591-78-6	2-Hexanone	57		ug/L	5	0.69	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 100-41-4	Ethylbenzene	3.3		ug/L	1	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 108-90-7	Chlorobenzene	0.56	J	ug/L	1	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG XYLMP	p&m-Xylene	8.7		ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 95-47-6	o-Xylene	8.5		ug/L	1	0.13	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 100-42-5	Styrene	0.59	J	ug/L	1	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 75-25-2	Bromoform		U	ug/L	2	0.47	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 98-82-8	Isopropylbenzene		U	ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 103-65-1	n-Propylbenzene		U	ug/L	2	0.27	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1752	VOC-P-LPTP	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 108-67-8	1,3,5-Trimethylbenzene	3.4		ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 95-63-6	1,2,4-Trimethylbenzene	24		ug/L	2	0.20	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 541-73-1	1,3-Dichlorobenzene	0.41	J	ug/L	2	0.22	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 99-87-6	p-Isopropyltoluene	29		ug/L	2	0.25	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 106-46-7	1,4-Dichlorobenzene	71		ug/L	2	0.33	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 95-50-1	1,2-Dichlorobenzene	1.3	J	ug/L	2	0.26	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 104-51-8	n-Butylbenzene	0.65	J	ug/L	5	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 120-82-1	1,2,4-Trichlorobenzene	0.90		ug/L	5	0.28	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 91-20-3	Naphthalene	24		ug/L	5	0.56	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	ORG 87-61-6	1,2,3-Trichlorobenzene	0.42	J	ug/L	5	0.23	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388				
NAL13026-1752	VOC-P-LPTP	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388	50	102%		
NAL13026-1752	VOC-P-LPTP	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388	50	100%		
NAL13026-1752	VOC-P-LPTP	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388	50	98%		
NAL13026-1752	VOC-P-LPTP	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	1	NA	5.0	NA	SW8260B	NALD5388	50	104%		



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D112014CCVA	D112014CCVA	ORG 75-71-8	Dichlorodifluoromethane	32		ug/L	5	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	64%		
D112014CCVA	D112014CCVA	ORG 74-87-3	Chloromethane	38		ug/L	5	0.43	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	76%		
D112014CCVA	D112014CCVA	ORG 75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	90%		
D112014CCVA	D112014CCVA	ORG 74-83-9	Bromomethane	51		ug/L	5	0.50	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 75-00-3	Chloroethane	49		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	98%		
D112014CCVA	D112014CCVA	ORG 75-69-4	Trichlorofluoromethane	71		ug/L	5	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	142%		
D112014CCVA	D112014CCVA	ORG 75-35-4	1,1-Dichloroethene	47		ug/L	1	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	94%		
D112014CCVA	D112014CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	100%		
D112014CCVA	D112014CCVA	ORG 67-64-1	Acetone	57		ug/L	10	1.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	114%		
D112014CCVA	D112014CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	98%		
D112014CCVA	D112014CCVA	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		
D112014CCVA	D112014CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		
D112014CCVA	D112014CCVA	ORG 56-23-5	Carbon tetrachloride	59		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	118%		
D112014CCVA	D112014CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	98%		
D112014CCVA	D112014CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		
D112014CCVA	D112014CCVA	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		
D112014CCVA	D112014CCVA	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 108-10-1	4-Methyl-2-pentanone	58		ug/L	5	0.74	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	52		ug/L	1	0.31	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	84%		
D112014CCVA	D112014CCVA	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 591-78-6	2-Hexanone	55		ug/L	2	0.69	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	114%		
D112014CCVA	D112014CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	100	110%		
D112014CCVA	D112014CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	120%		
D112014CCVA	D112014CCVA	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	122%		
D112014CCVA	D112014CCVA	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	100%		
D112014CCVA	D112014CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	114%		
D112014CCVA	D112014CCVA	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		



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D112014CCVA	D112014CCVA	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	104%		
D112014CCVA	D112014CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 99-87-6	p-Isopropyltoluene	57		ug/L	2	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	114%		
D112014CCVA	D112014CCVA	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	106%		
D112014CCVA	D112014CCVA	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	110%		
D112014CCVA	D112014CCVA	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	118%		
D112014CCVA	D112014CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	57		ug/L	5	1.59	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	114%		
D112014CCVA	D112014CCVA	ORG 87-68-3	Hexachlorobutadiene	59		ug/L	5	0.65	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	118%		
D112014CCVA	D112014CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	58		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	116%		
D112014CCVA	D112014CCVA	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	118%		
D112014CCVA	D112014CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	112%		
D112014CCVA	D112014CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		
D112014CCVA	D112014CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	94%		
D112014CCVA	D112014CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	98%		
D112014CCVA	D112014CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5372	50	102%		



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Project Site: Bridgeton Landfill

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D112014MBKA	D112014MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				



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D112014MBKA	D112014MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373				
D112014MBKA	D112014MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373	50	98%		
D112014MBKA	D112014MBKA	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373	50	100%		
D112014MBKA	D112014MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373	50	102%		
D112014MBKA	D112014MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5373	50	108%		



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D112014ALCS	D112014ALCS	ORG 75-71-8	Dichlorodifluoromethane	32		ug/L	5	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	64%		
D112014ALCS	D112014ALCS	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	80%		
D112014ALCS	D112014ALCS	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	96%		
D112014ALCS	D112014ALCS	ORG 74-83-9	Bromomethane	53		ug/L	5	0.50	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	106%		
D112014ALCS	D112014ALCS	ORG 75-00-3	Chloroethane	50		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 75-69-4	Trichlorofluoromethane	42		ug/L	5	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	84%		
D112014ALCS	D112014ALCS	ORG 75-35-4	1,1-Dichloroethene	45		ug/L	1	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	90%		
D112014ALCS	D112014ALCS	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 67-64-1	Acetone	46		ug/L	10	1.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	92%		
D112014ALCS	D112014ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 1634-04-4	MTBE	50		ug/L	5	0.61	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	102%		
D112014ALCS	D112014ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	108%		
D112014ALCS	D112014ALCS	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	106%		
D112014ALCS	D112014ALCS	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	102%		
D112014ALCS	D112014ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	106%		
D112014ALCS	D112014ALCS	ORG 78-93-3	2-Butanone	55		ug/L	1	0.81	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	112%		
D112014ALCS	D112014ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	102%		
D112014ALCS	D112014ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	106%		
D112014ALCS	D112014ALCS	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	108%		
D112014ALCS	D112014ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	98%		
D112014ALCS	D112014ALCS	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	118%		
D112014ALCS	D112014ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 127-18-4	Tetrachloroethene	49		ug/L	1	0.49	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	98%		
D112014ALCS	D112014ALCS	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	ORG 106-93-4	1,2-Dibromoethane	57		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	114%		
D112014ALCS	D112014ALCS	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	100%		
D112014ALCS	D112014ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	116%		
D112014ALCS	D112014ALCS	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	106%		
D112014ALCS	D112014ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	114%		
D112014ALCS	D112014ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	100	110%		
D112014ALCS	D112014ALCS	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	120%		
D112014ALCS	D112014ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	120%		
D112014ALCS	D112014ALCS	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	102%		
D112014ALCS	D112014ALCS	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	114%		
D112014ALCS	D112014ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	114%		
D112014ALCS	D112014ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	56		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	112%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112014ALCS	D112014ALCS	ORG 96-18-4	1,2,3-Trichloropropane	56		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	112%		
D112014ALCS	D112014ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	108%		
D112014ALCS	D112014ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	108%		
D112014ALCS	D112014ALCS	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	114%		
D112014ALCS	D112014ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	108%		
D112014ALCS	D112014ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	116%		
D112014ALCS	D112014ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	61		ug/L	5	1.59	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	122%		
D112014ALCS	D112014ALCS	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	112%		
D112014ALCS	D112014ALCS	ORG 91-20-3	Naphthalene	62		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	124%		
D112014ALCS	D112014ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	110%		
D112014ALCS	D112014ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		
D112014ALCS	D112014ALCS	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	98%		
D112014ALCS	D112014ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	98%		
D112014ALCS	D112014ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5381	50	104%		



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FINAL ANALYTICAL REPORT

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112014ALCD	D112014ALCD	ORG 75-71-8	Dichlorodifluoromethane	31		ug/L	5	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	62%	3%	
D112014ALCD	D112014ALCD	ORG 74-87-3	Chloromethane	40		ug/L	5	0.43	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	80%	0%	
D112014ALCD	D112014ALCD	ORG 75-01-4	Vinyl chloride	46		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	92%	4%	
D112014ALCD	D112014ALCD	ORG 74-83-9	Bromomethane	52		ug/L	5	0.50	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	2%	
D112014ALCD	D112014ALCD	ORG 75-00-3	Chloroethane	54		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	8%	
D112014ALCD	D112014ALCD	ORG 75-69-4	Trichlorofluoromethane	69		ug/L	5	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	138%	49%	
D112014ALCD	D112014ALCD	ORG 75-35-4	1,1-Dichloroethene	44		ug/L	1	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	88%	2%	
D112014ALCD	D112014ALCD	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	0%	
D112014ALCD	D112014ALCD	ORG 67-64-1	Acetone	56		ug/L	10	1.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	20%	
D112014ALCD	D112014ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	0%	
D112014ALCD	D112014ALCD	ORG 1634-04-4	MTBE	50		ug/L	5	0.61	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	0%	
D112014ALCD	D112014ALCD	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	0%	
D112014ALCD	D112014ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	0%	
D112014ALCD	D112014ALCD	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	0%	
D112014ALCD	D112014ALCD	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	0%	
D112014ALCD	D112014ALCD	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	0%	
D112014ALCD	D112014ALCD	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	6%	
D112014ALCD	D112014ALCD	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	114%	2%	
D112014ALCD	D112014ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	0%	
D112014ALCD	D112014ALCD	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	2%	
D112014ALCD	D112014ALCD	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	2%	
D112014ALCD	D112014ALCD	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	2%	
D112014ALCD	D112014ALCD	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	2%	
D112014ALCD	D112014ALCD	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	0%	
D112014ALCD	D112014ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	98%	0%	
D112014ALCD	D112014ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	0%	
D112014ALCD	D112014ALCD	ORG 108-10-1	4-Methyl-2-pentanone	57		ug/L	5	0.74	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	114%	3%	
D112014ALCD	D112014ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	0%	
D112014ALCD	D112014ALCD	ORG 127-18-4	Tetrachloroethene	46		ug/L	1	0.49	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	92%	6%	
D112014ALCD	D112014ALCD	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	0%	
D112014ALCD	D112014ALCD	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	2%	
D112014ALCD	D112014ALCD	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	2%	
D112014ALCD	D112014ALCD	ORG 591-78-6	2-Hexanone	53		ug/L	2	0.69	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	6%	
D112014ALCD	D112014ALCD	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	114%	2%	
D112014ALCD	D112014ALCD	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	2%	
D112014ALCD	D112014ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	2%	
D112014ALCD	D112014ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	100	110%	0%	
D112014ALCD	D112014ALCD	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	118%	2%	
D112014ALCD	D112014ALCD	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	120%	0%	
D112014ALCD	D112014ALCD	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	100%	2%	
D112014ALCD	D112014ALCD	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	2%	
D112014ALCD	D112014ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	2%	
D112014ALCD	D112014ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	56		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	0%	

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D112014ALCD	D112014ALCD	ORG 96-18-4	1,2,3-Trichloropropane	55		ug/L	2	0.29	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	110%	2%	
D112014ALCD	D112014ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	4%	
D112014ALCD	D112014ALCD	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	0%	
D112014ALCD	D112014ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	2%	
D112014ALCD	D112014ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	110%	4%	
D112014ALCD	D112014ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	106%	2%	
D112014ALCD	D112014ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	2%	
D112014ALCD	D112014ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	0%	
D112014ALCD	D112014ALCD	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	108%	2%	
D112014ALCD	D112014ALCD	ORG 104-51-8	n-Butylbenzene	55		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	110%	5%	
D112014ALCD	D112014ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	56		ug/L	5	1.59	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	112%	9%	
D112014ALCD	D112014ALCD	ORG 87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	6%	
D112014ALCD	D112014ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	110%	2%	
D112014ALCD	D112014ALCD	ORG 91-20-3	Naphthalene	62		ug/L	5	0.56	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	124%	0%	
D112014ALCD	D112014ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	110%	0%	
D112014ALCD	D112014ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	104%	0%	
D112014ALCD	D112014ALCD	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	98%	0%	
D112014ALCD	D112014ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	98%	0%	
D112014ALCD	D112014ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/20/2014	11/20/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5382	50	102%	2%	



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NAL13026-1750MS	T1-073	ORG 75-71-8	Dichlorodifluoromethane	140		ug/L	25	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	56%		
NAL13026-1750MS	T1-073	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	76%		
NAL13026-1750MS	T1-073	ORG 75-01-4	Vinyl chloride	220		ug/L	10	1.59	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	88%		
NAL13026-1750MS	T1-073	ORG 74-83-9	Bromomethane	290		ug/L	25	2.50	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	116%		
NAL13026-1750MS	T1-073	ORG 75-00-3	Chloroethane	260		ug/L	25	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG 75-69-4	Trichlorofluoromethane	360		ug/L	25	0.98	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	144%		
NAL13026-1750MS	T1-073	ORG 75-35-4	1,1-Dichloroethene	220		ug/L	5	2.36	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	88%		
NAL13026-1750MS	T1-073	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	100%		
NAL13026-1750MS	T1-073	ORG 67-64-1	Acetone	38000		ug/L	50	7.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	1200%		35000
NAL13026-1750MS	T1-073	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	100%		
NAL13026-1750MS	T1-073	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	100%		
NAL13026-1750MS	T1-073	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	100%		
NAL13026-1750MS	T1-073	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	112%		
NAL13026-1750MS	T1-073	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		
NAL13026-1750MS	T1-073	ORG 78-93-3	2-Butanone	22000		ug/L	5	4.06	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	4000%		12000
NAL13026-1750MS	T1-073	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	112%		
NAL13026-1750MS	T1-073	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	103%		3.1
NAL13026-1750MS	T1-073	ORG 107-06-2	1,2-Dichloroethane	260		ug/L	5	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG 74-95-3	Dibromomethane	290		ug/L	10	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	116%		
NAL13026-1750MS	T1-073	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		
NAL13026-1750MS	T1-073	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		
NAL13026-1750MS	T1-073	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	96%		
NAL13026-1750MS	T1-073	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	99%		2.6
NAL13026-1750MS	T1-073	ORG 108-10-1	4-Methyl-2-pentanone	1200		ug/L	25	3.70	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	112%		920
NAL13026-1750MS	T1-073	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	96%		
NAL13026-1750MS	T1-073	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	80%		
NAL13026-1750MS	T1-073	ORG 79-00-5	1,1,2-Trichloroethane	280		ug/L	5	1.71	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	112%		
NAL13026-1750MS	T1-073	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	100%		
NAL13026-1750MS	T1-073	ORG 106-93-4	1,2-Dibromoethane	280		ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	112%		
NAL13026-1750MS	T1-073	ORG 591-78-6	2-Hexanone	680		ug/L	10	3.45	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	76%		490
NAL13026-1750MS	T1-073	ORG 100-41-4	Ethylbenzene	280		ug/L	5	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		10
NAL13026-1750MS	T1-073	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	99%		2.0
NAL13026-1750MS	T1-073	ORG 630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		
NAL13026-1750MS	T1-073	ORG XYLMP	p&m-Xylene	550		ug/L	10	1.31	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	500	104%		31
NAL13026-1750MS	T1-073	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	114%		35
NAL13026-1750MS	T1-073	ORG 100-42-5	Styrene	300		ug/L	5	1.01	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	118%		4.3
NAL13026-1750MS	T1-073	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	96%		
NAL13026-1750MS	T1-073	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	110%		3.8
NAL13026-1750MS	T1-073	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	120%		
NAL13026-1750MS	T1-073	ORG 79-34-5	1,1,2,2-Tetrachloroethane	390		ug/L	10	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	156%		



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NAL13026-1750MS	T1-073	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		
NAL13026-1750MS	T1-073	ORG 108-67-8	1,3,5-Trimethylbenzene	310		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	106%		45
NAL13026-1750MS	T1-073	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	108%		
NAL13026-1750MS	T1-073	ORG 95-63-6	1,2,4-Trimethylbenzene	530		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	92%		300
NAL13026-1750MS	T1-073	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	116%		
NAL13026-1750MS	T1-073	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	107%		2.9
NAL13026-1750MS	T1-073	ORG 99-87-6	p-Isopropyltoluene	1300		ug/L	10	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	40%		1200
NAL13026-1750MS	T1-073	ORG 106-46-7	1,4-Dichlorobenzene	650		ug/L	10	1.65	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	80%		450
NAL13026-1750MS	T1-073	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	109%		8.2
NAL13026-1750MS	T1-073	ORG 104-51-8	n-Butylbenzene	320		ug/L	25	1.39	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	114%		36
NAL13026-1750MS	T1-073	ORG 96-12-8	1,2-Dibromo-3-chloropropane	330		ug/L	25	7.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	132%		
NAL13026-1750MS	T1-073	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	76%		
NAL13026-1750MS	T1-073	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	104%		10
NAL13026-1750MS	T1-073	ORG 91-20-3	Naphthalene	1100		ug/L	25	2.80	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	92%		870
NAL13026-1750MS	T1-073	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	250	99%		3.7
NAL13026-1750MS	T1-073	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	50	106%		
NAL13026-1750MS	T1-073	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	50	96%		
NAL13026-1750MS	T1-073	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	50	94%		
NAL13026-1750MS	T1-073	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5383	50	102%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1750MSD	T1-073	ORG 75-71-8	Dichlorodifluoromethane	140		ug/L	25	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	56%	0%	
NAL13026-1750MSD	T1-073	ORG 74-87-3	Chloromethane	190		ug/L	25	2.15	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	76%	0%	
NAL13026-1750MSD	T1-073	ORG 75-01-4	Vinyl chloride	230		ug/L	10	1.59	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	92%	4%	
NAL13026-1750MSD	T1-073	ORG 74-83-9	Bromomethane	280		ug/L	25	2.50	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	4%	
NAL13026-1750MSD	T1-073	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	4%	
NAL13026-1750MSD	T1-073	ORG 75-69-4	Trichlorofluoromethane	340		ug/L	25	0.98	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	136%	6%	
NAL13026-1750MSD	T1-073	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	96%	9%	
NAL13026-1750MSD	T1-073	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	96%	4%	
NAL13026-1750MSD	T1-073	ORG 67-64-1	Acetone	35000		ug/L	50	7.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	0%	8%	35000
NAL13026-1750MSD	T1-073	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	0%	
NAL13026-1750MSD	T1-073	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	0%	
NAL13026-1750MSD	T1-073	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	0%	
NAL13026-1750MSD	T1-073	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	0%	
NAL13026-1750MSD	T1-073	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	4%	
NAL13026-1750MSD	T1-073	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	104%	0%	
NAL13026-1750MSD	T1-073	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	4%	
NAL13026-1750MSD	T1-073	ORG 78-93-3	2-Butanone	21000		ug/L	5	4.06	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	3600%	5%	12000
NAL13026-1750MSD	T1-073	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	0%	
NAL13026-1750MSD	T1-073	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	103%	0%	3.1
NAL13026-1750MSD	T1-073	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	4%	
NAL13026-1750MSD	T1-073	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	104%	0%	
NAL13026-1750MSD	T1-073	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	4%	
NAL13026-1750MSD	T1-073	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	108%	0%	
NAL13026-1750MSD	T1-073	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	108%	0%	
NAL13026-1750MSD	T1-073	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	4%	
NAL13026-1750MSD	T1-073	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	99%	0%	2.6
NAL13026-1750MSD	T1-073	ORG 108-10-1	4-Methyl-2-pentanone	1200		ug/L	25	3.70	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	0%	920
NAL13026-1750MSD	T1-073	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	96%	0%	
NAL13026-1750MSD	T1-073	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	80%	0%	
NAL13026-1750MSD	T1-073	ORG 79-00-5	1,1,2-Trichloroethane	280		ug/L	5	1.71	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	0%	
NAL13026-1750MSD	T1-073	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	0%	
NAL13026-1750MSD	T1-073	ORG 106-93-4	1,2-Dibromoethane	280		ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	0%	
NAL13026-1750MSD	T1-073	ORG 591-78-6	2-Hexanone	650		ug/L	10	3.45	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	64%	5%	490
NAL13026-1750MSD	T1-073	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	4%	10
NAL13026-1750MSD	T1-073	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	103%	4%	2.0
NAL13026-1750MSD	T1-073	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	108%	4%	
NAL13026-1750MSD	T1-073	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	500	108%	4%	31
NAL13026-1750MSD	T1-073	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	118%	3%	35
NAL13026-1750MSD	T1-073	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	122%	3%	4.3
NAL13026-1750MSD	T1-073	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	96%	0%	
NAL13026-1750MSD	T1-073	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	114%	4%	3.8
NAL13026-1750MSD	T1-073	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	120%	0%	
NAL13026-1750MSD	T1-073	ORG 79-34-5	1,1,2,2-Tetrachloroethane	390		ug/L	10	1.46	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	156%	0%	



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 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1750MSD	T1-073	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	104%	4%	
NAL13026-1750MSD	T1-073	ORG 108-67-8	1,3,5-Trimethylbenzene	310		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	106%	0%	45
NAL13026-1750MSD	T1-073	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	112%	4%	
NAL13026-1750MSD	T1-073	ORG 95-63-6	1,2,4-Trimethylbenzene	520		ug/L	10	1.00	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	88%	2%	300
NAL13026-1750MSD	T1-073	ORG 135-98-8	sec-Butylbenzene	300		ug/L	10	1.62	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	120%	3%	
NAL13026-1750MSD	T1-073	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	107%	0%	2.9
NAL13026-1750MSD	T1-073	ORG 99-87-6	p-Isopropyltoluene	1200		ug/L	10	1.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	0%	8%	1200
NAL13026-1750MSD	T1-073	ORG 106-46-7	1,4-Dichlorobenzene	670		ug/L	10	1.65	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	88%	3%	450
NAL13026-1750MSD	T1-073	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	109%	0%	8.2
NAL13026-1750MSD	T1-073	ORG 104-51-8	n-Butylbenzene	320		ug/L	25	1.39	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	114%	0%	36
NAL13026-1750MSD	T1-073	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	124%	6%	
NAL13026-1750MSD	T1-073	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	76%	0%	
NAL13026-1750MSD	T1-073	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	100%	4%	10
NAL13026-1750MSD	T1-073	ORG 91-20-3	Naphthalene	1000		ug/L	25	2.80	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	52%	10%	870
NAL13026-1750MSD	T1-073	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	250	95%	4%	3.7
NAL13026-1750MSD	T1-073	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	50	106%	0%	
NAL13026-1750MSD	T1-073	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	50	96%	0%	
NAL13026-1750MSD	T1-073	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	50	96%	2%	
NAL13026-1750MSD	T1-073	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	11/20/2014	11/20/2014	11/20/2014	WG	5	NA	5.0	NA	SW8260B	NALD5384	50	102%	0%	

November 24, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-068
Pace Project No.: 60182734

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

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REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182734001	T1-068	Water	11/15/14 17:00	11/17/14 13:10
60182734002	TRIP BLANK	Water	11/15/14 17:00	11/17/14 13:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182734001	T1-068	EPA 200.7	SMW	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JMC1	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182734002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Sample: T1-068	Lab ID: 60182734001	Collected: 11/15/14 17:00	Received: 11/17/14 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	10200 ug/L		375	1	11/19/14 11:50	11/20/14 11:46	7429-90-5	
Antimony	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 11:46	7440-36-0	
Arsenic	358 ug/L		50.0	1	11/19/14 11:50	11/20/14 11:46	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/19/14 11:50	11/20/14 11:46	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 11:46	7440-43-9	
Chromium	112 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:46	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 11:46	7440-48-4	
Copper	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 11:46	7440-50-8	
Iron	272000 ug/L		250	1	11/19/14 11:50	11/20/14 11:46	7439-89-6	
Lead	42.6 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:46	7439-92-1	
Nickel	57.0 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:46	7440-02-0	
Selenium	ND ug/L		75.0	1	11/19/14 11:50	11/20/14 11:46	7782-49-2	
Silver	ND ug/L		35.0	1	11/19/14 11:50	11/20/14 11:46	7440-22-4	
Thallium	ND ug/L		100	1	11/19/14 11:50	11/20/14 11:46	7440-28-0	
Zinc	2400 ug/L		250	1	11/19/14 11:50	11/20/14 11:46	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/18/14 16:45	11/19/14 14:04	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 14:04	7440-36-0	
Arsenic, Dissolved	188 ug/L		50.0	1	11/18/14 16:45	11/19/14 14:04	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/18/14 16:45	11/19/14 14:04	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:04	7440-43-9	
Chromium, Dissolved	55.6 ug/L		25.0	1	11/18/14 16:45	11/19/14 14:04	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:04	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 14:04	7440-50-8	
Iron, Dissolved	83300 ug/L		250	1	11/18/14 16:45	11/19/14 14:04	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:04	7439-92-1	
Nickel, Dissolved	39.8 ug/L		25.0	1	11/18/14 16:45	11/19/14 14:04	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/18/14 16:45	11/19/14 14:04	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/18/14 16:45	11/19/14 14:04	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/18/14 16:45	11/19/14 14:04	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/18/14 16:45	11/19/14 14:04	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	13.4 ug/L		6.0	1	11/18/14 16:25	11/19/14 11:37	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/18/14 16:25	11/19/14 10:44	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/19/14 00:00	11/20/14 15:26	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/19/14 00:00	11/20/14 15:26	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		2000	1	11/19/14 00:00	11/20/14 15:26		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Sample: T1-068	Lab ID: 60182734001	Collected: 11/15/14 17:00	Received: 11/17/14 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	87-86-5	
Phenol	1350 ug/L		500	1	11/19/14 00:00	11/20/14 15:26	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:26	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75 %		33-120	1	11/19/14 00:00	11/20/14 15:26	4165-60-0	
2-Fluorobiphenyl (S)	68 %		39-120	1	11/19/14 00:00	11/20/14 15:26	321-60-8	
Terphenyl-d14 (S)	72 %		45-120	1	11/19/14 00:00	11/20/14 15:26	1718-51-0	
Phenol-d6 (S)	27 %		11-120	1	11/19/14 00:00	11/20/14 15:26	13127-88-3	
2-Fluorophenol (S)	37 %		17-120	1	11/19/14 00:00	11/20/14 15:26	367-12-4	
2,4,6-Tribromophenol (S)	70 %		39-120	1	11/19/14 00:00	11/20/14 15:26	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	38400 ug/L		1000	100		11/19/14 18:37	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 18:37	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 18:37	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 18:37	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 18:37	74-83-9	
2-Butanone (MEK)	17400 ug/L		1000	100		11/19/14 18:37	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 18:37	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 18:37	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 18:37	67-66-3	
1,4-Dichlorobenzene	146 ug/L		100	100		11/19/14 18:37	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 18:37	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:37	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:37	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 18:37	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 18:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 18:37	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 18:37	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 18:37	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 18:37	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 18:37	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 18:37	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 18:37	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 18:37	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 18:37	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	100		11/19/14 18:37	460-00-4	
Toluene-d8 (S)	101 %		80-120	100		11/19/14 18:37	2037-26-5	
1,2-Dichloroethane-d4 (S)	95 %		80-120	100		11/19/14 18:37	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 18:37		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	108 mg/L		5.0	1		11/19/14 13:10		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Sample: T1-068		Lab ID: 60182734001	Collected: 11/15/14 17:00	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	8820	mg/L	5.0	1		11/19/14 10:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.6	Std. Units	0.10	1		11/18/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	6630	mg/L	2.0	1	11/17/14 16:35	11/22/14 09:53		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	110	mg/L	5.0	50		11/20/14 11:25	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	17300	mg/L	2500	250		11/21/14 09:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Sample: TRIP BLANK		Lab ID: 60182734002	Collected: 11/15/14 17:00	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 20:15	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 20:15	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 20:15	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 20:15	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 20:15	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 20:15	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 20:15	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 20:15	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 20:15	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 20:15	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 20:15	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:15	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:15	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 20:15	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 20:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 20:15	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 20:15	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 20:15	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 20:15	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:15	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:15	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 20:15	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 20:15	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 20:15	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	1		11/19/14 20:15	460-00-4	
Toluene-d8 (S)	103 %		80-120	1		11/19/14 20:15	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	1		11/19/14 20:15	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 20:15		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: MERP/9064

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182734001

METHOD BLANK: 1480704

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/19/14 10:59	

LABORATORY CONTROL SAMPLE: 1480705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480706 1480707

Parameter	Units	60182582001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	ug/L	ND	150	150	99.9	88.2	63	55	70-130	12	20	M1

MATRIX SPIKE SAMPLE: 1480708

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L		7.9	150	95.1	58	70-130 M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: MERP/9062

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182734001

METHOD BLANK: 1480694

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch:	MPRP/29858	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60182734001		

METHOD BLANK: 1481017 Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/20/14 10:41	
Antimony	ug/L	ND	10.0	11/20/14 10:41	
Arsenic	ug/L	ND	10.0	11/20/14 10:41	
Beryllium	ug/L	ND	1.0	11/20/14 10:41	
Cadmium	ug/L	ND	5.0	11/20/14 10:41	
Chromium	ug/L	ND	5.0	11/20/14 10:41	
Cobalt	ug/L	ND	5.0	11/20/14 10:41	
Copper	ug/L	ND	10.0	11/20/14 10:41	
Iron	ug/L	ND	50.0	11/20/14 10:41	
Lead	ug/L	ND	5.0	11/20/14 10:41	
Nickel	ug/L	ND	5.0	11/20/14 10:41	
Selenium	ug/L	ND	15.0	11/20/14 10:41	
Silver	ug/L	ND	7.0	11/20/14 10:41	
Thallium	ug/L	ND	20.0	11/20/14 10:41	
Zinc	ug/L	ND	50.0	11/20/14 10:41	

LABORATORY CONTROL SAMPLE: 1481018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	11000	110	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1140	114	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1010	101	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	11200	112	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	499	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1020	102	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1481019		1481020							
Parameter	Units	60182613001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits			
Aluminum	ug/L	325	10000	10000	10300	10500	100	102	70-130	2	20	
Antimony	ug/L	ND	1000	1000	1050	1050	105	105	70-130	0	20	
Arsenic	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20	
Beryllium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	1	20	
Cadmium	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20	
Chromium	ug/L	ND	1000	1000	994	1000	99	100	70-130	1	20	
Cobalt	ug/L	ND	1000	1000	1030	1040	103	103	70-130	0	20	
Copper	ug/L	18.9	1000	1000	1050	1060	103	104	70-130	1	20	
Iron	ug/L	1040	10000	10000	11000	11200	100	101	70-130	1	20	
Lead	ug/L	ND	1000	1000	999	994	100	99	70-130	1	20	
Nickel	ug/L	ND	1000	1000	1030	1030	102	102	70-130	0	20	
Selenium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20	
Silver	ug/L	ND	500	500	499	498	100	100	70-130	0	20	
Thallium	ug/L	ND	1000	1000	996	996	100	100	70-130	0	20	
Zinc	ug/L	199	1000	1000	1180	1180	98	98	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182734001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480777												1480778	
Parameter	Units	60182390001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD			
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182734001, 60182734002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182734001, 60182734002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

MATRIX SPIKE SAMPLE:		1481196					
Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2
1,2-Dichloroethane-d4 (S)	%				91	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068
Pace Project No.: 60182734

QC Batch: OEXT/47179 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60182734001

METHOD BLANK: 1480912 Matrix: Water
Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/20/14 08:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/20/14 08:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/20/14 08:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/20/14 08:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachloroethane	ug/L	ND	5.0	11/20/14 08:49	
Naphthalene	ug/L	ND	5.0	11/20/14 08:49	
Nitrobenzene	ug/L	ND	5.0	11/20/14 08:49	
Pentachlorophenol	ug/L	ND	5.0	11/20/14 08:49	
Phenol	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Tribromophenol (S)	%	100	39-120	11/20/14 08:49	
2-Fluorobiphenyl (S)	%	95	39-120	11/20/14 08:49	
2-Fluorophenol (S)	%	55	17-120	11/20/14 08:49	
Nitrobenzene-d5 (S)	%	104	33-120	11/20/14 08:49	
Phenol-d6 (S)	%	36	11-120	11/20/14 08:49	
Terphenyl-d14 (S)	%	95	45-120	11/20/14 08:49	

LABORATORY CONTROL SAMPLE: 1480913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.1	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	45.9	92	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	37.4	75	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.7	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	46.4	93	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.3	77	44-116	
Hexachlorocyclopentadiene	ug/L	100	34.1	34	24-120	
Hexachloroethane	ug/L	50	37.0	74	43-113	
Naphthalene	ug/L	50	43.2	86	48-120	
Nitrobenzene	ug/L	50	48.4	97	48-120	
Pentachlorophenol	ug/L	50	37.7	75	47-120	
Phenol	ug/L	50	19.2	38	16-112	
2,4,6-Tribromophenol (S)	%			100	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			99	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

MATRIX SPIKE SAMPLE:	1480914	60182679001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	3450	69	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	3800	76	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	2960	59	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3950	55	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	2430J	49	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3270	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2400	24	11-120	
Hexachloroethane	ug/L	ND	5000	3110	62	40-113	
Naphthalene	ug/L	ND	5000	3690	71	45-120	
Nitrobenzene	ug/L	ND	5000	4210	84	38-120	
Pentachlorophenol	ug/L	ND	5000	3280	66	43-135	
Phenol	ug/L	1660	5000	3100	29	13-112	
2,4,6-Tribromophenol (S)	%				77	39-120	
2-Fluorobiphenyl (S)	%				77	39-120	
2-Fluorophenol (S)	%				39	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				29	11-120	
Terphenyl-d14 (S)	%				81	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: WET/51632

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60182734001

METHOD BLANK: 1481306

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/19/14 13:09	

LABORATORY CONTROL SAMPLE: 1481307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.3	96	78-114	

MATRIX SPIKE SAMPLE: 1481312

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	38.8	90	78-114	

SAMPLE DUPLICATE: 1481308

Parameter	Units	60182376001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.95J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch:	WET/51621	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182734001		

METHOD BLANK: 1481051 Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/19/14 10:26	

SAMPLE DUPLICATE: 1481052

Parameter	Units	60182681004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	760	768	1	10	

SAMPLE DUPLICATE: 1481053

Parameter	Units	60182732001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9580	9520	1	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: WET/51610 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182734001

SAMPLE DUPLICATE: 1480858

Parameter	Units	60182751006 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.0	5.0	0	5	H6

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: WET/51573

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182734001

METHOD BLANK: 1480342

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/22/14 09:45	

LABORATORY CONTROL SAMPLE: 1480343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	179	90	85-115	

SAMPLE DUPLICATE: 1480344

Parameter	Units	60182725002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2400	2580	7	17	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch: WETA/31908

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182734001

METHOD BLANK: 1481528

Matrix: Water

Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/20/14 11:18	

LABORATORY CONTROL SAMPLE: 1481529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1481530

Parameter	Units	60182728002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.1	98	90-110	

MATRIX SPIKE SAMPLE: 1481531

Parameter	Units	60182783003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	96	90-110	

SAMPLE DUPLICATE: 1481532

Parameter	Units	60182783006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

QC Batch:	WETA/31921	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182734001		

METHOD BLANK: 1481782 Matrix: Water
Associated Lab Samples: 60182734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/21/14 09:28	

LABORATORY CONTROL SAMPLE: 1481783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.8	100	90-110	

MATRIX SPIKE SAMPLE: 1481784

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	18100	12500	28800	86	90-110	M1

MATRIX SPIKE SAMPLE: 1481787

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	99.2	50	139	80	90-110	M1

SAMPLE DUPLICATE: 1481785

Parameter	Units	60182733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	15900	15200	5	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- H6 Analysis initiated outside of the 15 minute EPA recommended holding time.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- LS Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N2 The lab does not hold TNI accreditation for this parameter.
- R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-068

Pace Project No.: 60182734

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182734001	T1-068	EPA 200.7	MPRP/29858	EPA 200.7	ICP/22371
60182734001	T1-068	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182734001	T1-068	EPA 245.1	MERP/9064	EPA 245.1	MERC/9016
60182734001	T1-068	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182734001	T1-068	EPA 625	OEXT/47179	EPA 625	MSSV/15209
60182734001	T1-068	EPA 624 Low	MSV/65858		
60182734002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182734001	T1-068	EPA 1664A	WET/51632		
60182734001	T1-068	SM 2540D	WET/51621		
60182734001	T1-068	SM 4500-H+B	WET/51610		
60182734001	T1-068	SM 5210B	WET/51573	SM 5210B	WET/51687
60182734001	T1-068	EPA 350.1	WETA/31908		
60182734001	T1-068	EPA 410.4	WETA/31921		

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Sample Condition Upon Receipt

WO#: 60182734



60182734

Client Name: Barr

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other [X] Wando

Tracking #: _____ Pace Shipping Label Used? Yes [] No []

Custody Seal on Cooler/Box Present: Yes [X] No [] Seals intact: Yes [X] No []

Packing Material: Bubble Wrap [] Bubble Bags [X] Foam [X] None [] Other []

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None [] Samples received on ice, cooling process has begun.

Cooler Temperature: 2.8

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: JB 11/17

Table with 17 rows and 3 columns. Row 1: Chain of Custody present: [X] Yes [] No [] N/A 1. Row 2: Chain of Custody filled out: [X] Yes [] No [] N/A 2. Row 3: Chain of Custody relinquished: [X] Yes [] No [] N/A 3. Row 4: Sampler name & signature on COC: [X] Yes [] No [] N/A 4. Row 5: Samples arrived within holding time: [X] Yes [] No [] N/A 5. Row 6: Short Hold Time analyses (<72hr): [X] Yes [] No [] N/A 6. BOP pH. Row 7: Rush Turn Around Time requested: [] Yes [X] No [] N/A 7. Row 8: Sufficient volume: [X] Yes [] No [] N/A 8. Row 9: Correct containers used: [X] Yes [] No [] N/A. Row 10: Pace containers used: [X] Yes [] No [] N/A 9. Row 11: Containers intact: [X] Yes [] No [] N/A 10. Row 12: Unpreserved 5035A soils frozen w/in 48hrs? [] Yes [] No [X] N/A 11. Row 13: Filtered volume received for dissolved tests? [] Yes [] No [X] N/A 12. Row 14: Sample labels match COC: [X] Yes [] No [] N/A. Row 15: Includes date/time/ID/analyses Matrix: JB 11/17 13. Row 16: All containers needing preservation have been checked: [X] Yes [] No [] N/A BPSW initial pH 6.0 added 2.5 ml Final pH 5.0. Row 17: All containers needing preservation are found to be in compliance with EPA recommendation: [] Yes [X] No [] N/A 14. Row 18: Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics [X] Yes [] No Initial when completed JB Lot # of added preservative. Row 19: Trip Blank present: [X] Yes [] No [] N/A. Row 20: Pace Trip Blank lot # (if purchased): Covered 15. Row 21: Headspace in VOA vials (>6mm): [] Yes [X] No [] N/A 16. Row 22: Project sampled in USDA Regulated Area: [] Yes [] No [X] N/A 17. List State: MS

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 11/18

November 24, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-069
Pace Project No.: 60182733

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182733001	T1-069	Water	11/16/14 08:30	11/17/14 13:10
60182733002	TRIP BLANK	Water	11/16/14 08:30	11/17/14 13:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182733001	T1-069	EPA 200.7	SMW	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JMC1	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182733002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Sample: T1-069		Lab ID: 60182733001	Collected: 11/16/14 08:30	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	3760 ug/L		375	1	11/19/14 11:50	11/20/14 11:42	7429-90-5	
Antimony	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 11:42	7440-36-0	
Arsenic	296 ug/L		50.0	1	11/19/14 11:50	11/20/14 11:42	7440-38-2	
Beryllium	ND ug/L		5.0	1	11/19/14 11:50	11/20/14 11:42	7440-41-7	
Cadmium	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 11:42	7440-43-9	
Chromium	85.0 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:42	7440-47-3	
Cobalt	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 11:42	7440-48-4	
Copper	ND ug/L		50.0	1	11/19/14 11:50	11/20/14 11:42	7440-50-8	
Iron	204000 ug/L		250	1	11/19/14 11:50	11/20/14 11:42	7439-89-6	
Lead	ND ug/L		25.0	1	11/19/14 11:50	11/20/14 11:42	7439-92-1	
Nickel	53.4 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:42	7440-02-0	
Selenium	ND ug/L		75.0	1	11/19/14 11:50	11/20/14 11:42	7782-49-2	
Silver	ND ug/L		35.0	1	11/19/14 11:50	11/20/14 11:42	7440-22-4	
Thallium	ND ug/L		100	1	11/19/14 11:50	11/20/14 11:42	7440-28-0	
Zinc	2750 ug/L		250	1	11/19/14 11:50	11/20/14 11:42	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	384 ug/L		375	1	11/18/14 16:45	11/19/14 14:02	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 14:02	7440-36-0	
Arsenic, Dissolved	232 ug/L		50.0	1	11/18/14 16:45	11/19/14 14:02	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/18/14 16:45	11/19/14 14:02	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:02	7440-43-9	
Chromium, Dissolved	67.2 ug/L		25.0	1	11/18/14 16:45	11/19/14 14:02	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:02	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/18/14 16:45	11/19/14 14:02	7440-50-8	
Iron, Dissolved	119000 ug/L		250	1	11/18/14 16:45	11/19/14 14:02	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/18/14 16:45	11/19/14 14:02	7439-92-1	
Nickel, Dissolved	48.9 ug/L		25.0	1	11/18/14 16:45	11/19/14 14:02	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/18/14 16:45	11/19/14 14:02	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/18/14 16:45	11/19/14 14:02	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/18/14 16:45	11/19/14 14:02	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/18/14 16:45	11/19/14 14:02	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	11.6 ug/L		6.0	1	11/18/14 16:25	11/19/14 11:31	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/18/14 16:25	11/19/14 10:37	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/19/14 00:00	11/20/14 15:05	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/19/14 00:00	11/20/14 15:05	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		2000	1	11/19/14 00:00	11/20/14 15:05		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Sample: T1-069	Lab ID: 60182733001	Collected: 11/16/14 08:30	Received: 11/17/14 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	87-86-5	
Phenol	1990 ug/L		500	1	11/19/14 00:00	11/20/14 15:05	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 15:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87 %		33-120	1	11/19/14 00:00	11/20/14 15:05	4165-60-0	
2-Fluorobiphenyl (S)	77 %		39-120	1	11/19/14 00:00	11/20/14 15:05	321-60-8	
Terphenyl-d14 (S)	84 %		45-120	1	11/19/14 00:00	11/20/14 15:05	1718-51-0	
Phenol-d6 (S)	33 %		11-120	1	11/19/14 00:00	11/20/14 15:05	13127-88-3	
2-Fluorophenol (S)	42 %		17-120	1	11/19/14 00:00	11/20/14 15:05	367-12-4	
2,4,6-Tribromophenol (S)	77 %		39-120	1	11/19/14 00:00	11/20/14 15:05	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	41800 ug/L		1000	100		11/19/14 18:51	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 18:51	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 18:51	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 18:51	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 18:51	74-83-9	
2-Butanone (MEK)	19200 ug/L		1000	100		11/19/14 18:51	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 18:51	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 18:51	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 18:51	67-66-3	
1,4-Dichlorobenzene	197 ug/L		100	100		11/19/14 18:51	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 18:51	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:51	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 18:51	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 18:51	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 18:51	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 18:51	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 18:51	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 18:51	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 18:51	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 18:51	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 18:51	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 18:51	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 18:51	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	100		11/19/14 18:51	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/19/14 18:51	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	100		11/19/14 18:51	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 18:51		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	82.3 mg/L		5.0	1		11/19/14 13:10		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Sample: T1-069		Lab ID: 60182733001	Collected: 11/16/14 08:30	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	10100	mg/L	5.0	1		11/19/14 10:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		11/18/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	8460	mg/L	2.0	1	11/17/14 16:40	11/22/14 10:00		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	138	mg/L	5.0	50		11/20/14 11:24	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	15900	mg/L	2500	250		11/21/14 09:30		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Sample: TRIP BLANK		Lab ID: 60182733002	Collected: 11/16/14 08:30	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 20:29	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 20:29	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 20:29	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 20:29	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 20:29	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 20:29	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 20:29	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 20:29	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 20:29	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 20:29	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 20:29	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:29	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:29	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 20:29	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 20:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 20:29	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 20:29	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 20:29	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 20:29	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:29	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:29	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 20:29	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 20:29	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 20:29	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/19/14 20:29	460-00-4	
Toluene-d8 (S)	91 %		80-120	1		11/19/14 20:29	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	1		11/19/14 20:29	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 20:29		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: MERP/9064

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182733001

METHOD BLANK: 1480704

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/19/14 10:59	

LABORATORY CONTROL SAMPLE: 1480705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480706 1480707

Parameter	Units	60182582001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	150	150	99.9	88.2	63	55	70-130	12	20	M1

MATRIX SPIKE SAMPLE: 1480708

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L		7.9	150	95.1	58	70-130 M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch:	MERP/9062	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182733001		

METHOD BLANK: 1480694 Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: MPRP/29858

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182733001

METHOD BLANK: 1481017

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/20/14 10:41	
Antimony	ug/L	ND	10.0	11/20/14 10:41	
Arsenic	ug/L	ND	10.0	11/20/14 10:41	
Beryllium	ug/L	ND	1.0	11/20/14 10:41	
Cadmium	ug/L	ND	5.0	11/20/14 10:41	
Chromium	ug/L	ND	5.0	11/20/14 10:41	
Cobalt	ug/L	ND	5.0	11/20/14 10:41	
Copper	ug/L	ND	10.0	11/20/14 10:41	
Iron	ug/L	ND	50.0	11/20/14 10:41	
Lead	ug/L	ND	5.0	11/20/14 10:41	
Nickel	ug/L	ND	5.0	11/20/14 10:41	
Selenium	ug/L	ND	15.0	11/20/14 10:41	
Silver	ug/L	ND	7.0	11/20/14 10:41	
Thallium	ug/L	ND	20.0	11/20/14 10:41	
Zinc	ug/L	ND	50.0	11/20/14 10:41	

LABORATORY CONTROL SAMPLE: 1481018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	11000	110	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1140	114	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1010	101	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	11200	112	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	499	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1020	102	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Parameter	Units	60182613001		1481019		1481020		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Aluminum	ug/L	325	10000	10000	10300	10500	100	102	70-130	2	20	
Antimony	ug/L	ND	1000	1000	1050	1050	105	105	70-130	0	20	
Arsenic	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20	
Beryllium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	1	20	
Cadmium	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20	
Chromium	ug/L	ND	1000	1000	994	1000	99	100	70-130	1	20	
Cobalt	ug/L	ND	1000	1000	1030	1040	103	103	70-130	0	20	
Copper	ug/L	18.9	1000	1000	1050	1060	103	104	70-130	1	20	
Iron	ug/L	1040	10000	10000	11000	11200	100	101	70-130	1	20	
Lead	ug/L	ND	1000	1000	999	994	100	99	70-130	1	20	
Nickel	ug/L	ND	1000	1000	1030	1030	102	102	70-130	0	20	
Selenium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20	
Silver	ug/L	ND	500	500	499	498	100	100	70-130	0	20	
Thallium	ug/L	ND	1000	1000	996	996	100	100	70-130	0	20	
Zinc	ug/L	199	1000	1000	1180	1180	98	98	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182733001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480777			1480778										
Parameter	Units	60182390001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD		
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182733001, 60182733002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182733001, 60182733002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

MATRIX SPIKE SAMPLE:		1481196					
Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2
1,2-Dichloroethane-d4 (S)	%				91	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069
Pace Project No.: 60182733

QC Batch: OEXT/47179 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60182733001

METHOD BLANK: 1480912 Matrix: Water
Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/20/14 08:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/20/14 08:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/20/14 08:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/20/14 08:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachloroethane	ug/L	ND	5.0	11/20/14 08:49	
Naphthalene	ug/L	ND	5.0	11/20/14 08:49	
Nitrobenzene	ug/L	ND	5.0	11/20/14 08:49	
Pentachlorophenol	ug/L	ND	5.0	11/20/14 08:49	
Phenol	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Tribromophenol (S)	%	100	39-120	11/20/14 08:49	
2-Fluorobiphenyl (S)	%	95	39-120	11/20/14 08:49	
2-Fluorophenol (S)	%	55	17-120	11/20/14 08:49	
Nitrobenzene-d5 (S)	%	104	33-120	11/20/14 08:49	
Phenol-d6 (S)	%	36	11-120	11/20/14 08:49	
Terphenyl-d14 (S)	%	95	45-120	11/20/14 08:49	

LABORATORY CONTROL SAMPLE: 1480913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.1	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	45.9	92	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	37.4	75	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.7	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	46.4	93	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.3	77	44-116	
Hexachlorocyclopentadiene	ug/L	100	34.1	34	24-120	
Hexachloroethane	ug/L	50	37.0	74	43-113	
Naphthalene	ug/L	50	43.2	86	48-120	
Nitrobenzene	ug/L	50	48.4	97	48-120	
Pentachlorophenol	ug/L	50	37.7	75	47-120	
Phenol	ug/L	50	19.2	38	16-112	
2,4,6-Tribromophenol (S)	%			100	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			99	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

MATRIX SPIKE SAMPLE:	1480914						
Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	3450	69	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	3800	76	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	2960	59	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3950	55	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	2430J	49	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3270	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2400	24	11-120	
Hexachloroethane	ug/L	ND	5000	3110	62	40-113	
Naphthalene	ug/L	ND	5000	3690	71	45-120	
Nitrobenzene	ug/L	ND	5000	4210	84	38-120	
Pentachlorophenol	ug/L	ND	5000	3280	66	43-135	
Phenol	ug/L	1660	5000	3100	29	13-112	
2,4,6-Tribromophenol (S)	%				77	39-120	
2-Fluorobiphenyl (S)	%				77	39-120	
2-Fluorophenol (S)	%				39	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				29	11-120	
Terphenyl-d14 (S)	%				81	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: WET/51632

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60182733001

METHOD BLANK: 1481306

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/19/14 13:09	

LABORATORY CONTROL SAMPLE: 1481307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.3	96	78-114	

MATRIX SPIKE SAMPLE: 1481312

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	38.8	90	78-114	

SAMPLE DUPLICATE: 1481308

Parameter	Units	60182376001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.95J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch:	WET/51621	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60182733001		

METHOD BLANK: 1481051 Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/19/14 10:26	

SAMPLE DUPLICATE: 1481052

Parameter	Units	60182681004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	760	768	1	10	

SAMPLE DUPLICATE: 1481053

Parameter	Units	60182732001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9580	9520	1	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: WET/51610 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182733001

SAMPLE DUPLICATE: 1480858

Parameter	Units	60182751006 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.0	5.0	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: WET/51573

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182733001

METHOD BLANK: 1480342

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/22/14 09:45	

LABORATORY CONTROL SAMPLE: 1480343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	179	90	85-115	

SAMPLE DUPLICATE: 1480344

Parameter	Units	60182725002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2400	2580	7	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch: WETA/31908

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182733001

METHOD BLANK: 1481528

Matrix: Water

Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/20/14 11:18	

LABORATORY CONTROL SAMPLE: 1481529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1481530

Parameter	Units	60182728002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.1	98	90-110	

MATRIX SPIKE SAMPLE: 1481531

Parameter	Units	60182783003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	96	90-110	

SAMPLE DUPLICATE: 1481532

Parameter	Units	60182783006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

QC Batch:	WETA/31921	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182733001		

METHOD BLANK: 1481782 Matrix: Water
Associated Lab Samples: 60182733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/21/14 09:28	

LABORATORY CONTROL SAMPLE: 1481783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.8	100	90-110	

MATRIX SPIKE SAMPLE: 1481784

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	18100	12500	28800	86	90-110	M1

MATRIX SPIKE SAMPLE: 1481787

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	99.2	50	139	80	90-110	M1

SAMPLE DUPLICATE: 1481785

Parameter	Units	60182733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	15900	15200	5	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| H6 | Analysis initiated outside of the 15 minute EPA recommended holding time. |
| L0 | Analyte recovery in the laboratory control sample (LCS) was outside QC limits. |
| L3 | Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| LS | Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold TNI accreditation for this parameter. |
| R1 | RPD value was outside control limits. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-069

Pace Project No.: 60182733

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182733001	T1-069	EPA 200.7	MPRP/29858	EPA 200.7	ICP/22371
60182733001	T1-069	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182733001	T1-069	EPA 245.1	MERP/9064	EPA 245.1	MERC/9016
60182733001	T1-069	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182733001	T1-069	EPA 625	OEXT/47179	EPA 625	MSSV/15209
60182733001	T1-069	EPA 624 Low	MSV/65858		
60182733002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182733001	T1-069	EPA 1664A	WET/51632		
60182733001	T1-069	SM 2540D	WET/51621		
60182733001	T1-069	SM 4500-H+B	WET/51610		
60182733001	T1-069	SM 5210B	WET/51573	SM 5210B	WET/51687
60182733001	T1-069	EPA 350.1	WETA/31908		
60182733001	T1-069	EPA 410.4	WETA/31921		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182733



Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Wanda

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: K-239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 3.8

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 11/11/17

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOP pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix:	<u>11/11/17</u> <u>OT</u> <u>WT</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>BPSW initial pH 6.0 added 2.5ml Final pH 5.0</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, TOC, <u>O&G</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>11/11</u> Lot # of added preservative
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>Covered</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>ND</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/18



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:			Section C Invoice Information:		
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR			Attention: AMY HARGROVE/BRIAN POWER		
Address:		Copy To: SCOTT FEDAK/FEEZOR			Company Name: REPUBLIC SERVICES		
		DANA BAKER/MARGARET TREANOR -BARR			Address: BRIDGETON, MO 63044		
Email To:		Purchase Order No:			Pace Quote Reference: 130426_7588		
Phone: (816) 285-8410 Fax:		Client Project ID: BRIDGETON LF			Pace Project Manager: Brown, Angie		
Requested Due Date/TAT: 0 Day (Default)		Container Order Number:			Pace Profile #: 7585 LINE 2		
						Regulatory Agency	
						State / Location	
						Missouri	

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique	MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)
			DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test	COD EPA 410		pH SM 4500H+B	LF DIS METALS 200 7/245	TOTAL METALS 200 7/245	AMMCR/HA EPA 350	OIG EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	PHENOL/ST 1004	BOD SM 5210B			
																														Requested Analysis Filtered (Y/N)		
			Requested Analysis Filtered (Y/N)																													
1	(2) BPSU BPSU TI-069 BPSU BPSU (2) AG55	OT G	11/16/14	0830			14	10	AS	1	0			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	(2)	As (5) D Cu G		
2	TRIP BLANK (2) DGM						2	2													X										W	
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

METALS LIST total & LF Dis:
Al, Sb, As, Be, Cd, Cr,
Co, Cu, Fe, Pb, Ni, Se, Ag, Ti, Zn
and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	William Abernathy / FEI	11-17-14	7:00 AM	Donna Pace	11-17-14	0900	Y Y Y
SITE ADDRESS: BRIDGETON LF					11/17	1310	3.8 Y Y Y
13570 ST CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: <i>William Abernathy</i> WILLIAM ABERNATHY DATE Signed: 11/16/14					

November 24, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

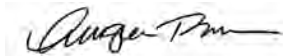
RE: Project: BRIDGETON LF T1-070
Pace Project No.: 60182732

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182732001	T1-070	Water	11/17/14 08:04	11/17/14 13:10
60182732002	TRIP BLANK	Water	11/17/14 08:04	11/17/14 13:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182732001	T1-070	EPA 200.7	SMW	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	JMC1	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182732002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Sample: T1-070	Lab ID: 60182732001	Collected: 11/17/14 08:04	Received: 11/17/14 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	7040 ug/L		375	1	11/19/14 11:50	11/20/14 11:12	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/19/14 11:50	11/20/14 11:12	7440-36-0	
Arsenic	410 ug/L		50.0	1	11/19/14 11:50	11/20/14 11:12	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/19/14 11:50	11/20/14 11:12	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/19/14 11:50	11/20/14 11:12	7440-43-9	
Chromium	112 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:12	7440-47-3	
Cobalt	ND	ug/L	25.0	1	11/19/14 11:50	11/20/14 11:12	7440-48-4	
Copper	ND	ug/L	50.0	1	11/19/14 11:50	11/20/14 11:12	7440-50-8	
Iron	287000 ug/L		250	1	11/19/14 11:50	11/20/14 11:12	7439-89-6	
Lead	44.6 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:12	7439-92-1	
Nickel	63.6 ug/L		25.0	1	11/19/14 11:50	11/20/14 11:12	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/19/14 11:50	11/20/14 11:12	7782-49-2	
Silver	ND	ug/L	35.0	1	11/19/14 11:50	11/20/14 11:12	7440-22-4	
Thallium	ND	ug/L	100	1	11/19/14 11:50	11/20/14 11:12	7440-28-0	
Zinc	3020 ug/L		250	1	11/19/14 11:50	11/20/14 11:12	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND	ug/L	375	1	11/18/14 16:45	11/19/14 13:59	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:59	7440-36-0	
Arsenic, Dissolved	290 ug/L		50.0	1	11/18/14 16:45	11/19/14 13:59	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/18/14 16:45	11/19/14 13:59	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:59	7440-43-9	
Chromium, Dissolved	68.5 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:59	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:59	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/18/14 16:45	11/19/14 13:59	7440-50-8	
Iron, Dissolved	129000 ug/L		250	1	11/18/14 16:45	11/19/14 13:59	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/18/14 16:45	11/19/14 13:59	7439-92-1	
Nickel, Dissolved	52.4 ug/L		25.0	1	11/18/14 16:45	11/19/14 13:59	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/18/14 16:45	11/19/14 13:59	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/18/14 16:45	11/19/14 13:59	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/18/14 16:45	11/19/14 13:59	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/18/14 16:45	11/19/14 13:59	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	8.8 ug/L		6.0	1	11/18/14 16:25	11/19/14 11:28	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	6.0	1	11/18/14 16:25	11/19/14 10:35	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/19/14 00:00	11/20/14 14:44	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/19/14 00:00	11/20/14 14:44	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/19/14 00:00	11/20/14 14:44	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/19/14 00:00	11/20/14 14:44	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/19/14 00:00	11/20/14 14:44	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/19/14 00:00	11/20/14 14:44		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Sample: T1-070	Lab ID: 60182732001	Collected: 11/17/14 08:04	Received: 11/17/14 13:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:44	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:44	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:44	87-86-5	
Phenol	2890 ug/L		500	1	11/19/14 00:00	11/20/14 14:44	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:44	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/19/14 00:00	11/20/14 14:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92 %		33-120	1	11/19/14 00:00	11/20/14 14:44	4165-60-0	
2-Fluorobiphenyl (S)	79 %		39-120	1	11/19/14 00:00	11/20/14 14:44	321-60-8	
Terphenyl-d14 (S)	81 %		45-120	1	11/19/14 00:00	11/20/14 14:44	1718-51-0	
Phenol-d6 (S)	36 %		11-120	1	11/19/14 00:00	11/20/14 14:44	13127-88-3	
2-Fluorophenol (S)	46 %		17-120	1	11/19/14 00:00	11/20/14 14:44	367-12-4	
2,4,6-Tribromophenol (S)	80 %		39-120	1	11/19/14 00:00	11/20/14 14:44	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	54200 ug/L		1000	100		11/19/14 19:05	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 19:05	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 19:05	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 19:05	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 19:05	74-83-9	
2-Butanone (MEK)	28700 ug/L		1000	100		11/19/14 19:05	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 19:05	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 19:05	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 19:05	67-66-3	
1,4-Dichlorobenzene	224 ug/L		100	100		11/19/14 19:05	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 19:05	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 19:05	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 19:05	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 19:05	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 19:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 19:05	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 19:05	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 19:05	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 19:05	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 19:05	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 19:05	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 19:05	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 19:05	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 19:05	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	100		11/19/14 19:05	460-00-4	
Toluene-d8 (S)	103 %		80-120	100		11/19/14 19:05	2037-26-5	
1,2-Dichloroethane-d4 (S)	96 %		80-120	100		11/19/14 19:05	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 19:05		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	213 mg/L		5.0	1		11/19/14 13:10		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Sample: T1-070		Lab ID: 60182732001	Collected: 11/17/14 08:04	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	9580	mg/L	5.0	1		11/19/14 10:30		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.3	Std. Units	0.10	1		11/18/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	10200	mg/L	2.0	1	11/17/14 16:44	11/22/14 10:07		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	178	mg/L	5.0	50		11/20/14 11:23	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	18300	mg/L	2500	250		11/21/14 09:29		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Sample: TRIP BLANK		Lab ID: 60182732002	Collected: 11/17/14 08:04	Received: 11/17/14 13:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 20:44	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 20:44	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 20:44	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 20:44	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 20:44	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 20:44	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 20:44	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 20:44	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 20:44	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 20:44	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 20:44	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:44	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 20:44	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 20:44	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 20:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 20:44	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 20:44	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 20:44	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 20:44	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:44	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 20:44	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 20:44	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 20:44	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 20:44	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/19/14 20:44	460-00-4	
Toluene-d8 (S)	99 %		80-120	1		11/19/14 20:44	2037-26-5	
1,2-Dichloroethane-d4 (S)	94 %		80-120	1		11/19/14 20:44	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 20:44		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch:	MERP/9064	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury
Associated Lab Samples:	60182732001		

METHOD BLANK: 1480704 Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/19/14 10:59	

LABORATORY CONTROL SAMPLE: 1480705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480706 1480707

Parameter	Units	60182582001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	ug/L	ND	150	150	99.9	88.2	63	55	70-130	12	20	M1

MATRIX SPIKE SAMPLE: 1480708

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L		7.9	150	95.1	58	70-130 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: MERP/9062

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60182732001

METHOD BLANK: 1480694

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/19/14 10:17	

LABORATORY CONTROL SAMPLE: 1480695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480696 1480697

Parameter	Units	60182390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	67.8	90.9	45	61	70-130	29	20	M1,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: MPRP/29858

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182732001

METHOD BLANK: 1481017

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/20/14 10:41	
Antimony	ug/L	ND	10.0	11/20/14 10:41	
Arsenic	ug/L	ND	10.0	11/20/14 10:41	
Beryllium	ug/L	ND	1.0	11/20/14 10:41	
Cadmium	ug/L	ND	5.0	11/20/14 10:41	
Chromium	ug/L	ND	5.0	11/20/14 10:41	
Cobalt	ug/L	ND	5.0	11/20/14 10:41	
Copper	ug/L	ND	10.0	11/20/14 10:41	
Iron	ug/L	ND	50.0	11/20/14 10:41	
Lead	ug/L	ND	5.0	11/20/14 10:41	
Nickel	ug/L	ND	5.0	11/20/14 10:41	
Selenium	ug/L	ND	15.0	11/20/14 10:41	
Silver	ug/L	ND	7.0	11/20/14 10:41	
Thallium	ug/L	ND	20.0	11/20/14 10:41	
Zinc	ug/L	ND	50.0	11/20/14 10:41	

LABORATORY CONTROL SAMPLE: 1481018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	11000	110	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1140	114	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1010	101	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	11200	112	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	499	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1020	102	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1481019		1481020								
Parameter	Units	60182613001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	325	10000	10000	10300	10500	100	102	70-130	2	20		
Antimony	ug/L	ND	1000	1000	1050	1050	105	105	70-130	0	20		
Arsenic	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20		
Beryllium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	1	20		
Cadmium	ug/L	ND	1000	1000	1030	1030	103	103	70-130	0	20		
Chromium	ug/L	ND	1000	1000	994	1000	99	100	70-130	1	20		
Cobalt	ug/L	ND	1000	1000	1030	1040	103	103	70-130	0	20		
Copper	ug/L	18.9	1000	1000	1050	1060	103	104	70-130	1	20		
Iron	ug/L	1040	10000	10000	11000	11200	100	101	70-130	1	20		
Lead	ug/L	ND	1000	1000	999	994	100	99	70-130	1	20		
Nickel	ug/L	ND	1000	1000	1030	1030	102	102	70-130	0	20		
Selenium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Silver	ug/L	ND	500	500	499	498	100	100	70-130	0	20		
Thallium	ug/L	ND	1000	1000	996	996	100	100	70-130	0	20		
Zinc	ug/L	199	1000	1000	1180	1180	98	98	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: MPRP/29851

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182732001

METHOD BLANK: 1480775

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/19/14 13:35	
Antimony, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Arsenic, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Beryllium, Dissolved	ug/L	ND	1.0	11/19/14 13:35	
Cadmium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Chromium, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Cobalt, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Copper, Dissolved	ug/L	ND	10.0	11/19/14 13:35	
Iron, Dissolved	ug/L	ND	50.0	11/19/14 13:35	
Lead, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Nickel, Dissolved	ug/L	ND	5.0	11/19/14 13:35	
Selenium, Dissolved	ug/L	ND	15.0	11/19/14 13:35	
Silver, Dissolved	ug/L	ND	7.0	11/19/14 13:35	
Thallium, Dissolved	ug/L	ND	20.0	11/19/14 13:35	
Zinc, Dissolved	ug/L	ND	50.0	11/19/14 13:35	

LABORATORY CONTROL SAMPLE: 1480776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9990	100	85-115	
Antimony, Dissolved	ug/L	1000	1030	103	85-115	
Arsenic, Dissolved	ug/L	1000	987	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1010	101	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1030	103	85-115	
Copper, Dissolved	ug/L	1000	1010	101	85-115	
Iron, Dissolved	ug/L	10000	9700	97	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	496	99	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1480777			1480778										
Parameter	Units	60182390001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum, Dissolved	ug/L	ND	50000	50000	53400	53300	106	106	70-130	0	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5480	109	109	70-130	0	20		
Arsenic, Dissolved	ug/L	226	5000	5000	5700	5680	109	109	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5310	5300	106	106	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5390	5380	107	107	70-130	0	20		
Chromium, Dissolved	ug/L	62.6	5000	5000	5360	5250	106	104	70-130	2	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5200	5170	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5540	5440	110	108	70-130	2	20		
Iron, Dissolved	ug/L	55800	50000	50000	110000	112000	108	111	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	5110	5080	102	101	70-130	1	20		
Nickel, Dissolved	ug/L	47.5	5000	5000	5220	5190	103	103	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5650	5660	113	113	70-130	0	20		
Silver, Dissolved	ug/L	ND	2500	2500	2710	2660	108	106	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4780	4760	96	95	70-130	0	20		
Zinc, Dissolved	ug/L	814	5000	5000	5960	5920	103	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182732001, 60182732002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182732001, 60182732002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

MATRIX SPIKE SAMPLE:		1481196		60182582001		Spike Conc.		MS Result		MS % Rec		% Rec Limits		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limit	Limit	Qualifier	Qualifier	Qualifier	Qualifier	Qualifier	Qualifier
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2								
1,2-Dichloroethane-d4 (S)	%				91	80-120									
4-Bromofluorobenzene (S)	%				101	80-120									
Toluene-d8 (S)	%				99	80-120									
Preservation pH		6.0		6.0											

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070
Pace Project No.: 60182732

QC Batch: OEXT/47179 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60182732001

METHOD BLANK: 1480912 Matrix: Water
Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/20/14 08:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/20/14 08:49	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/20/14 08:49	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/20/14 08:49	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/20/14 08:49	
Hexachloroethane	ug/L	ND	5.0	11/20/14 08:49	
Naphthalene	ug/L	ND	5.0	11/20/14 08:49	
Nitrobenzene	ug/L	ND	5.0	11/20/14 08:49	
Pentachlorophenol	ug/L	ND	5.0	11/20/14 08:49	
Phenol	ug/L	ND	5.0	11/20/14 08:49	
2,4,6-Tribromophenol (S)	%	100	39-120	11/20/14 08:49	
2-Fluorobiphenyl (S)	%	95	39-120	11/20/14 08:49	
2-Fluorophenol (S)	%	55	17-120	11/20/14 08:49	
Nitrobenzene-d5 (S)	%	104	33-120	11/20/14 08:49	
Phenol-d6 (S)	%	36	11-120	11/20/14 08:49	
Terphenyl-d14 (S)	%	95	45-120	11/20/14 08:49	

LABORATORY CONTROL SAMPLE: 1480913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	41.1	82	46-120	
2,4,6-Trichlorophenol	ug/L	50	45.9	92	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	37.4	75	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.7	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	46.4	93	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.3	77	44-116	
Hexachlorocyclopentadiene	ug/L	100	34.1	34	24-120	
Hexachloroethane	ug/L	50	37.0	74	43-113	
Naphthalene	ug/L	50	43.2	86	48-120	
Nitrobenzene	ug/L	50	48.4	97	48-120	
Pentachlorophenol	ug/L	50	37.7	75	47-120	
Phenol	ug/L	50	19.2	38	16-112	
2,4,6-Tribromophenol (S)	%			100	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			99	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			93	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

MATRIX SPIKE SAMPLE:	1480914	60182679001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	3450	69	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	3800	76	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	2960	59	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3950	55	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	2430J	49	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3270	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2400	24	11-120	
Hexachloroethane	ug/L	ND	5000	3110	62	40-113	
Naphthalene	ug/L	ND	5000	3690	71	45-120	
Nitrobenzene	ug/L	ND	5000	4210	84	38-120	
Pentachlorophenol	ug/L	ND	5000	3280	66	43-135	
Phenol	ug/L	1660	5000	3100	29	13-112	
2,4,6-Tribromophenol (S)	%				77	39-120	
2-Fluorobiphenyl (S)	%				77	39-120	
2-Fluorophenol (S)	%				39	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				29	11-120	
Terphenyl-d14 (S)	%				81	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: WET/51632

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60182732001

METHOD BLANK: 1481306

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/19/14 13:09	

LABORATORY CONTROL SAMPLE: 1481307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.3	96	78-114	

MATRIX SPIKE SAMPLE: 1481312

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	38.8	90	78-114	

SAMPLE DUPLICATE: 1481308

Parameter	Units	60182376001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.95J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: WET/51621

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182732001

METHOD BLANK: 1481051

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/19/14 10:26	

SAMPLE DUPLICATE: 1481052

Parameter	Units	60182681004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	760	768	1	10	

SAMPLE DUPLICATE: 1481053

Parameter	Units	60182732001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9580	9520	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: WET/51610 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182732001

SAMPLE DUPLICATE: 1480858

Parameter	Units	60182751006 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	5.0	5.0	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: WET/51573

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182732001

METHOD BLANK: 1480342

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/22/14 09:45	

LABORATORY CONTROL SAMPLE: 1480343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	179	90	85-115	

SAMPLE DUPLICATE: 1480344

Parameter	Units	60182725002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2400	2580	7	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch: WETA/31908

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182732001

METHOD BLANK: 1481528

Matrix: Water

Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/20/14 11:18	

LABORATORY CONTROL SAMPLE: 1481529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1481530

Parameter	Units	60182728002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.1	98	90-110	

MATRIX SPIKE SAMPLE: 1481531

Parameter	Units	60182783003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	96	90-110	

SAMPLE DUPLICATE: 1481532

Parameter	Units	60182783006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

QC Batch:	WETA/31921	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182732001		

METHOD BLANK: 1481782 Matrix: Water
Associated Lab Samples: 60182732001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/21/14 09:28	

LABORATORY CONTROL SAMPLE: 1481783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.8	100	90-110	

MATRIX SPIKE SAMPLE: 1481784

Parameter	Units	60182679001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	18100	12500	28800	86	90-110	M1

MATRIX SPIKE SAMPLE: 1481787

Parameter	Units	60182754001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	99.2	50	139	80	90-110	M1

SAMPLE DUPLICATE: 1481785

Parameter	Units	60182733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	15900	15200	5	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- H6 Analysis initiated outside of the 15 minute EPA recommended holding time.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- LS Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N2 The lab does not hold TNI accreditation for this parameter.
- R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-070

Pace Project No.: 60182732

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182732001	T1-070	EPA 200.7	MPRP/29858	EPA 200.7	ICP/22371
60182732001	T1-070	EPA 200.7	MPRP/29851	EPA 200.7	ICP/22360
60182732001	T1-070	EPA 245.1	MERP/9064	EPA 245.1	MERC/9016
60182732001	T1-070	EPA 245.1	MERP/9062	EPA 245.1	MERC/9014
60182732001	T1-070	EPA 625	OEXT/47179	EPA 625	MSSV/15209
60182732001	T1-070	EPA 624 Low	MSV/65858		
60182732002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182732001	T1-070	EPA 1664A	WET/51632		
60182732001	T1-070	SM 2540D	WET/51621		
60182732001	T1-070	SM 4500-H+B	WET/51610		
60182732001	T1-070	SM 5210B	WET/51573	SM 5210B	WET/51687
60182732001	T1-070	EPA 350.1	WETA/31908		
60182732001	T1-070	EPA 410.4	WETA/31921		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182732



Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Wanda

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: K-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 5.6

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 11/11/17

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOP pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix:	<u>10/11/17</u> <u>OT</u> <u>WT</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>BPSW initial pH 6.0 added 2.5ml Final pH 5.0</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, TOC, <u>O&G</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>11/11</u> Lot # of added preservative
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>Covered</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/15/17



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:			Section B Required Project Information:			Section C Invoice Information:		
Company:	BARR ENGINEERING		Report To:	ED GALBRAITH/BARR		Attention:	AMY HARGROVE/BRIAN POWER	
Address:			Copy To:	SCOTT FEDAK/FEEZOR		Company Name:	REPUBLIC SERVICES	
				DANA BAKER/MARGARET TREANOR -BARR		Address:	BRIDGETON, MO 63044	
Email To:			Purchase Order No.			Pace Quote Reference:	130426_7588	
Phone	(816) 285-8410	Fax				Pace Project Manager:	Brown, Angie	
Requested Due Date/TAT:	10 Day (Default)		Client Project ID:	BRIDGETON LF		Pace Profile #:	7585 LINE 2	
			Container Order Number:				Regulatory Agency	
								State / Location
								Missouri

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample IDs must be unique	MATRIX CODE (see valid codes to left) <small>MATRIX CODE</small> Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)								
				DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other												
1	T1-070 (B)SS (B)AN (E)ACSS	OT G	G	11/17/14	0804			14	10	2	1	0																	60182732
2	TRIP BLANK (Z)DCA							2	2																				
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	Paul Linscott / FEE	11-17-14	9:00AM	DOM JAV	11/17	0900	5.6 Y Y Y
SITE ADDRESS: BRIDGETON LF				J B Pau		1310	
13570 ST. CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE		TEMP. in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:	<i>William Abernathy</i>				
	DATE Signed: 11/17/14				

November 26, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

RE: Project: BRIDGETON LF T1-071
Pace Project No.: 60182816

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182816001	T1-071	Water	11/18/14 10:30	11/19/14 02:40
60182816002	TRIP BLANK	Water	11/18/14 10:30	11/19/14 02:40

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182816001	T1-071	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	JML	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182816002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Sample: T1-071	Lab ID: 60182816001	Collected: 11/18/14 10:30	Received: 11/19/14 02:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	21500	ug/L	375	1	11/22/14 15:45	11/24/14 11:09	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:09	7440-36-0	
Arsenic	596	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:09	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/22/14 15:45	11/24/14 11:09	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:09	7440-43-9	
Chromium	166	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:09	7440-47-3	
Cobalt	32.8	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:09	7440-48-4	
Copper	ND	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:09	7440-50-8	
Iron	510000	ug/L	250	1	11/22/14 15:45	11/24/14 11:09	7439-89-6	M1
Lead	66.4	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:09	7439-92-1	
Nickel	82.2	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:09	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/22/14 15:45	11/24/14 11:09	7782-49-2	
Silver	ND	ug/L	35.0	1	11/22/14 15:45	11/24/14 11:09	7440-22-4	
Thallium	ND	ug/L	100	1	11/22/14 15:45	11/24/14 11:09	7440-28-0	
Zinc	3940	ug/L	250	1	11/22/14 15:45	11/24/14 11:09	7440-66-6	
200.7 Metals, Dissolved (LF) Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	ND	ug/L	375	1	11/22/14 16:30	11/24/14 11:27	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:27	7440-36-0	
Arsenic, Dissolved	326	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:27	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/22/14 16:30	11/24/14 11:27	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:27	7440-43-9	
Chromium, Dissolved	66.0	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:27	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:27	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:27	7440-50-8	
Iron, Dissolved	86000	ug/L	250	1	11/22/14 16:30	11/24/14 11:27	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:27	7439-92-1	
Nickel, Dissolved	48.4	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:27	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/22/14 16:30	11/24/14 11:27	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/22/14 16:30	11/24/14 11:27	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/22/14 16:30	11/24/14 11:27	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/22/14 16:30	11/24/14 11:27	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	13.7	ug/L	6.0	1	11/22/14 12:00	11/22/14 14:41	7439-97-6	M1
245.1 Mercury, Dissolved (LF) Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND	ug/L	6.0	1	11/26/14 09:40	11/26/14 13:03	7439-97-6	M1
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/21/14 00:00	11/23/14 14:46	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/21/14 00:00	11/23/14 14:46	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/21/14 00:00	11/23/14 14:46	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/21/14 00:00	11/23/14 14:46	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/21/14 00:00	11/23/14 14:46	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/21/14 00:00	11/23/14 14:46		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Sample: T1-071	Lab ID: 60182816001	Collected: 11/18/14 10:30	Received: 11/19/14 02:40	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/21/14 00:00	11/23/14 14:46	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/21/14 00:00	11/23/14 14:46	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/21/14 00:00	11/23/14 14:46	87-86-5	
Phenol	2290 ug/L		500	1	11/21/14 00:00	11/23/14 14:46	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/21/14 00:00	11/23/14 14:46	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/21/14 00:00	11/23/14 14:46	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	93 %		33-120	1	11/21/14 00:00	11/23/14 14:46	4165-60-0	
2-Fluorobiphenyl (S)	87 %		39-120	1	11/21/14 00:00	11/23/14 14:46	321-60-8	
Terphenyl-d14 (S)	91 %		45-120	1	11/21/14 00:00	11/23/14 14:46	1718-51-0	
Phenol-d6 (S)	30 %		11-120	1	11/21/14 00:00	11/23/14 14:46	13127-88-3	
2-Fluorophenol (S)	42 %		17-120	1	11/21/14 00:00	11/23/14 14:46	367-12-4	
2,4,6-Tribromophenol (S)	95 %		39-120	1	11/21/14 00:00	11/23/14 14:46	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	75500 ug/L		1000	100		11/19/14 20:58	67-64-1	N2
Benzene	ND ug/L		100	100		11/19/14 20:58	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/19/14 20:58	75-27-4	
Bromoform	ND ug/L		100	100		11/19/14 20:58	75-25-2	
Bromomethane	ND ug/L		500	100		11/19/14 20:58	74-83-9	
2-Butanone (MEK)	39300 ug/L		1000	100		11/19/14 20:58	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/19/14 20:58	56-23-5	
Chloroethane	ND ug/L		100	100		11/19/14 20:58	75-00-3	
Chloroform	ND ug/L		100	100		11/19/14 20:58	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/19/14 20:58	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/19/14 20:58	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 20:58	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/19/14 20:58	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/19/14 20:58	100-41-4	
Methylene chloride	ND ug/L		100	100		11/19/14 20:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/19/14 20:58	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/19/14 20:58	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/19/14 20:58	127-18-4	L3
Toluene	ND ug/L		100	100		11/19/14 20:58	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/19/14 20:58	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/19/14 20:58	79-00-5	
Trichloroethene	ND ug/L		100	100		11/19/14 20:58	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/19/14 20:58	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/19/14 20:58	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	100		11/19/14 20:58	460-00-4	
Toluene-d8 (S)	97 %		80-120	100		11/19/14 20:58	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	100		11/19/14 20:58	17060-07-0	
Preservation pH	6.0		1.0	100		11/19/14 20:58		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	179 mg/L		5.0	1		11/19/14 15:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Sample: T1-071		Lab ID: 60182816001	Collected: 11/18/14 10:30	Received: 11/19/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	8300	mg/L	5.0	1		11/24/14 11:44		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		11/19/14 12:45		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	10100	mg/L	2.0	1	11/20/14 09:54	11/25/14 09:10		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	156	mg/L	5.0	50		11/20/14 11:48	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	20600	mg/L	2500	250		11/25/14 11:10		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Sample: TRIP BLANK		Lab ID: 60182816002	Collected: 11/18/14 10:30	Received: 11/19/14 02:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/19/14 21:12	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/19/14 21:12	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/19/14 21:12	75-27-4	
Bromoform	ND ug/L		1.0	1		11/19/14 21:12	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/19/14 21:12	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/19/14 21:12	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/19/14 21:12	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/19/14 21:12	75-00-3	
Chloroform	ND ug/L		1.0	1		11/19/14 21:12	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/19/14 21:12	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/19/14 21:12	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 21:12	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/19/14 21:12	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/19/14 21:12	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/19/14 21:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/19/14 21:12	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/19/14 21:12	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/19/14 21:12	127-18-4	L3
Toluene	ND ug/L		1.0	1		11/19/14 21:12	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/19/14 21:12	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/19/14 21:12	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/19/14 21:12	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/19/14 21:12	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/19/14 21:12	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	95 %		80-120	1		11/19/14 21:12	460-00-4	
Toluene-d8 (S)	97 %		80-120	1		11/19/14 21:12	2037-26-5	
1,2-Dichloroethane-d4 (S)	97 %		80-120	1		11/19/14 21:12	17060-07-0	
Preservation pH	6.0		1.0	1		11/19/14 21:12		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071
Pace Project No.: 60182816

QC Batch: MERP/9081 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
Associated Lab Samples: 60182816001

METHOD BLANK: 1483754 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/22/14 14:37	

LABORATORY CONTROL SAMPLE: 1483755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1483756 1483757

Parameter	Units	60182816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	13.7	150	150	88.2	88.5	50	50	70-130	0	20	M1

MATRIX SPIKE SAMPLE: 1483758

Parameter	Units	60182876002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	3.7	73	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch:	MERP/9095	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182816001		

METHOD BLANK: 1485032 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/26/14 12:58	

LABORATORY CONTROL SAMPLE: 1485033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485034 1485035

Parameter	Units	60182816001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Mercury, Dissolved	ug/L	ND	150	150	70.8	70.8	47	47	70-130	0	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071
Pace Project No.: 60182816

QC Batch: MPRP/29921 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60182816001

METHOD BLANK: 1484006 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/24/14 11:02	
Antimony	ug/L	ND	10.0	11/24/14 11:02	
Arsenic	ug/L	ND	10.0	11/24/14 11:02	
Beryllium	ug/L	ND	1.0	11/24/14 11:02	
Cadmium	ug/L	ND	5.0	11/24/14 11:02	
Chromium	ug/L	ND	5.0	11/24/14 11:02	
Cobalt	ug/L	ND	5.0	11/24/14 11:02	
Copper	ug/L	ND	10.0	11/24/14 11:02	
Iron	ug/L	ND	50.0	11/24/14 11:02	
Lead	ug/L	ND	5.0	11/24/14 11:02	
Nickel	ug/L	ND	5.0	11/24/14 11:02	
Selenium	ug/L	ND	15.0	11/24/14 11:02	
Silver	ug/L	ND	7.0	11/24/14 11:02	
Thallium	ug/L	ND	20.0	11/24/14 11:02	
Zinc	ug/L	ND	50.0	11/24/14 11:02	

LABORATORY CONTROL SAMPLE: 1484007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9820	98	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	977	98	85-115	
Beryllium	ug/L	1000	996	100	85-115	
Cadmium	ug/L	1000	996	100	85-115	
Chromium	ug/L	1000	964	96	85-115	
Cobalt	ug/L	1000	1000	100	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	9490	95	85-115	
Lead	ug/L	1000	997	100	85-115	
Nickel	ug/L	1000	1010	101	85-115	
Selenium	ug/L	1000	984	98	85-115	
Silver	ug/L	500	494	99	85-115	
Thallium	ug/L	1000	975	98	85-115	
Zinc	ug/L	1000	984	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1484008		1484009									
Parameter	Units	60182816001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	21500	50000	50000	76400	76000	110	109	70-130	1	20		
Antimony	ug/L	ND	5000	5000	5390	5400	108	108	70-130	0	20		
Arsenic	ug/L	596	5000	5000	5880	5890	106	106	70-130	0	20		
Beryllium	ug/L	ND	5000	5000	4940	4870	99	97	70-130	2	20		
Cadmium	ug/L	ND	5000	5000	5240	5210	105	104	70-130	1	20		
Chromium	ug/L	166	5000	5000	4820	4780	93	92	70-130	1	20		
Cobalt	ug/L	32.8	5000	5000	4970	4930	99	98	70-130	1	20		
Copper	ug/L	ND	5000	5000	5440	5490	108	109	70-130	1	20		
Iron	ug/L	510000	50000	50000	570000	576000	121	133	70-130	1	20	M1	
Lead	ug/L	66.4	5000	5000	4850	4790	96	95	70-130	1	20		
Nickel	ug/L	82.2	5000	5000	5010	4960	99	98	70-130	1	20		
Selenium	ug/L	ND	5000	5000	5360	5380	107	107	70-130	0	20		
Silver	ug/L	ND	2500	2500	2580	2600	103	104	70-130	1	20		
Thallium	ug/L	ND	5000	5000	4560	4510	91	90	70-130	1	20		
Zinc	ug/L	3940	5000	5000	8620	8540	94	92	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch: MPRP/29924

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182816001

METHOD BLANK: 1484018

Matrix: Water

Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/24/14 11:25	
Antimony, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Arsenic, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Beryllium, Dissolved	ug/L	ND	1.0	11/24/14 11:25	
Cadmium, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Chromium, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Cobalt, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Copper, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Iron, Dissolved	ug/L	ND	50.0	11/24/14 11:25	
Lead, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Nickel, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Selenium, Dissolved	ug/L	ND	15.0	11/24/14 11:25	
Silver, Dissolved	ug/L	ND	7.0	11/24/14 11:25	
Thallium, Dissolved	ug/L	ND	20.0	11/24/14 11:25	
Zinc, Dissolved	ug/L	ND	50.0	11/24/14 11:25	

LABORATORY CONTROL SAMPLE: 1484019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9740	97	85-115	
Antimony, Dissolved	ug/L	1000	1040	104	85-115	
Arsenic, Dissolved	ug/L	1000	982	98	85-115	
Beryllium, Dissolved	ug/L	1000	991	99	85-115	
Cadmium, Dissolved	ug/L	1000	994	99	85-115	
Chromium, Dissolved	ug/L	1000	940	94	85-115	
Cobalt, Dissolved	ug/L	1000	1010	101	85-115	
Copper, Dissolved	ug/L	1000	1030	103	85-115	
Iron, Dissolved	ug/L	10000	9390	94	85-115	
Lead, Dissolved	ug/L	1000	989	99	85-115	
Nickel, Dissolved	ug/L	1000	1020	102	85-115	
Selenium, Dissolved	ug/L	1000	996	100	85-115	
Silver, Dissolved	ug/L	500	490	98	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	960	96	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Parameter	Units	60182816001		MS		MSD		MS		MSD		% Rec	% Rec	Limits	RPD	Max	RPD	Qual
		Result	Conc.	Spike	Conc.	Result	Conc.	Result	Conc.									
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	48800	48400	97	96	70-130	1	20						
Antimony, Dissolved	ug/L	ND	5000	5000	5000	5340	5380	107	107	70-130	1	20						
Arsenic, Dissolved	ug/L	326	5000	5000	5000	5420	5450	102	102	70-130	1	20						
Beryllium, Dissolved	ug/L	ND	5000	5000	5000	4840	4820	97	96	70-130	0	20						
Cadmium, Dissolved	ug/L	ND	5000	5000	5000	5100	5130	102	103	70-130	0	20						
Chromium, Dissolved	ug/L	66.0	5000	5000	5000	4620	4610	91	91	70-130	0	20						
Cobalt, Dissolved	ug/L	ND	5000	5000	5000	4900	4890	98	98	70-130	0	20						
Copper, Dissolved	ug/L	ND	5000	5000	5000	5320	5380	106	107	70-130	1	20						
Iron, Dissolved	ug/L	86000	50000	50000	50000	125000	124000	78	75	70-130	1	20						
Lead, Dissolved	ug/L	ND	5000	5000	5000	4750	4760	95	95	70-130	0	20						
Nickel, Dissolved	ug/L	48.4	5000	5000	5000	4910	4930	97	98	70-130	0	20						
Selenium, Dissolved	ug/L	ND	5000	5000	5000	5240	5260	105	105	70-130	0	20						
Silver, Dissolved	ug/L	ND	2500	2500	2500	2510	2540	101	102	70-130	1	20						
Thallium, Dissolved	ug/L	ND	5000	5000	5000	4630	4660	92	93	70-130	1	20						
Zinc, Dissolved	ug/L	ND	5000	5000	5000	4580	4590	91	91	70-130	0	20						

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch: MSV/65858 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182816001, 60182816002

METHOD BLANK: 1481194 Matrix: Water

Associated Lab Samples: 60182816001, 60182816002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/19/14 17:40	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	11/19/14 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/19/14 17:40	
2-Butanone (MEK)	ug/L	ND	10.0	11/19/14 17:40	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/19/14 17:40	N2
Acetone	ug/L	ND	10.0	11/19/14 17:40	N2
Benzene	ug/L	ND	1.0	11/19/14 17:40	
Bromodichloromethane	ug/L	ND	1.0	11/19/14 17:40	
Bromoform	ug/L	ND	1.0	11/19/14 17:40	
Bromomethane	ug/L	ND	5.0	11/19/14 17:40	
Carbon tetrachloride	ug/L	ND	1.0	11/19/14 17:40	
Chloroethane	ug/L	ND	1.0	11/19/14 17:40	
Chloroform	ug/L	ND	1.0	11/19/14 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	N2
Ethylbenzene	ug/L	ND	1.0	11/19/14 17:40	
Methylene chloride	ug/L	ND	1.0	11/19/14 17:40	
Tetrachloroethene	ug/L	ND	1.0	11/19/14 17:40	
Toluene	ug/L	ND	1.0	11/19/14 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Trichloroethene	ug/L	ND	1.0	11/19/14 17:40	
Vinyl chloride	ug/L	ND	1.0	11/19/14 17:40	
Xylene (Total)	ug/L	ND	3.0	11/19/14 17:40	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	11/19/14 17:40	
4-Bromofluorobenzene (S)	%	100	80-120	11/19/14 17:40	
Toluene-d8 (S)	%	102	80-120	11/19/14 17:40	

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.9	104	67-124	
1,2-Dichloroethane	ug/L	20	19.1	95	70-126	
1,4-Dichlorobenzene	ug/L	20	23.6	118	74-120	
2-Butanone (MEK)	ug/L	100	86.4	86	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.8	95	59-131	N2
Acetone	ug/L	100	86.4	86	38-134	N2
Benzene	ug/L	20	20.7	103	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

LABORATORY CONTROL SAMPLE: 1481195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	23.8	119	65-127	
Bromomethane	ug/L	20	17.9	90	13-157	
Carbon tetrachloride	ug/L	20	22.1	110	70-131	
Chloroethane	ug/L	20	21.3	107	47-133	
Chloroform	ug/L	20	18.8	94	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	68-127	N2
Ethylbenzene	ug/L	20	24.4	122	74-122	
Methylene chloride	ug/L	20	22.6	113	64-129	
Tetrachloroethene	ug/L	20	25.3	126	73-125	L0
Toluene	ug/L	20	23.7	118	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	66-129	
Trichloroethene	ug/L	20	21.8	109	71-123	
Vinyl chloride	ug/L	20	19.6	98	43-129	
Xylene (Total)	ug/L	60	73.5	122	75-121	LS,N2
1,2-Dichloroethane-d4 (S)	%			91	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1481196

Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2060	103	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2180	109	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2030	102	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1810	91	49-144	
1,4-Dichlorobenzene	ug/L	141	2000	2450	115	33-140	
2-Butanone (MEK)	ug/L	22100	10000	30000	79	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9190	86	40-160	N2
Acetone	ug/L	47000	10000	54000	70	10-160	N2
Benzene	ug/L	ND	2000	2010	101	37-151	
Bromodichloromethane	ug/L	ND	2000	1980	99	35-142	
Bromoform	ug/L	ND	2000	2210	110	45-142	
Bromomethane	ug/L	ND	2000	1660	83	10-158	
Carbon tetrachloride	ug/L	ND	2000	2330	117	70-140	
Chloroethane	ug/L	ND	2000	1850	93	19-152	
Chloroform	ug/L	ND	2000	1830	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1850	92	34-147	N2
Ethylbenzene	ug/L	ND	2000	2390	119	40-142	
Methylene chloride	ug/L	ND	2000	1940	97	31-144	
Tetrachloroethene	ug/L	ND	2000	2570	129	64-148	
Toluene	ug/L	ND	2000	2270	114	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2080	104	54-151	
Trichloroethene	ug/L	ND	2000	2190	109	71-149	
Vinyl chloride	ug/L	ND	2000	1790	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

MATRIX SPIKE SAMPLE:		1481196					
Parameter	Units	60182582001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	7150	119	37-144	N2
1,2-Dichloroethane-d4 (S)	%				91	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071
Pace Project No.: 60182816

QC Batch: OEXT/47218 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60182816001

METHOD BLANK: 1482446 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/23/14 14:04	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/23/14 14:04	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/23/14 14:04	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/23/14 14:04	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/23/14 14:04	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/23/14 14:04	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/23/14 14:04	
Hexachloroethane	ug/L	ND	5.0	11/23/14 14:04	
Naphthalene	ug/L	ND	5.0	11/23/14 14:04	
Nitrobenzene	ug/L	ND	5.0	11/23/14 14:04	
Pentachlorophenol	ug/L	ND	5.0	11/23/14 14:04	
Phenol	ug/L	ND	5.0	11/23/14 14:04	
2,4,6-Tribromophenol (S)	%	92	39-120	11/23/14 14:04	
2-Fluorobiphenyl (S)	%	94	39-120	11/23/14 14:04	
2-Fluorophenol (S)	%	43	17-120	11/23/14 14:04	
Nitrobenzene-d5 (S)	%	91	33-120	11/23/14 14:04	
Phenol-d6 (S)	%	26	11-120	11/23/14 14:04	
Terphenyl-d14 (S)	%	97	45-120	11/23/14 14:04	

LABORATORY CONTROL SAMPLE: 1482447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.9	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.8	90	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	34.4	69	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.2	62	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.1	108	40-133	
Hexachloro-1,3-butadiene	ug/L	50	42.4	85	44-116	
Hexachlorocyclopentadiene	ug/L	100	45.1	45	24-120	
Hexachloroethane	ug/L	50	42.5	85	43-113	
Naphthalene	ug/L	50	44.8	90	48-120	
Nitrobenzene	ug/L	50	45.1	90	48-120	
Pentachlorophenol	ug/L	50	46.7	93	47-120	
Phenol	ug/L	50	16.6	33	16-112	
2,4,6-Tribromophenol (S)	%			98	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			43	17-120	
Nitrobenzene-d5 (S)	%			92	33-120	
Phenol-d6 (S)	%			28	11-120	
Terphenyl-d14 (S)	%			101	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

MATRIX SPIKE SAMPLE:	1482448	60182876002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	43.0	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	50.5	101	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	36.8	74	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	31.5	63	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	53.1	106	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	42.6	85	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	54.5	54	11-120	
Hexachloroethane	ug/L	ND	50	42.2	84	40-113	
Naphthalene	ug/L	ND	50	46.4	93	45-120	
Nitrobenzene	ug/L	ND	50	45.5	91	38-120	
Pentachlorophenol	ug/L	ND	50	34.9	70	43-135	
Phenol	ug/L	ND	50	14.3	29	13-112	
2,4,6-Tribromophenol (S)	%				100	39-120	
2-Fluorobiphenyl (S)	%				99	39-120	
2-Fluorophenol (S)	%				40	17-120	
Nitrobenzene-d5 (S)	%				92	33-120	
Phenol-d6 (S)	%				27	11-120	
Terphenyl-d14 (S)	%				103	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch:	WET/51633	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182816001		

METHOD BLANK: 1481314 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/19/14 14:54	

LABORATORY CONTROL SAMPLE: 1481315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.9	97	78-114	

MATRIX SPIKE SAMPLE: 1481464

Parameter	Units	60181868001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40	36.0	90	78-114	

SAMPLE DUPLICATE: 1481317

Parameter	Units	60182440002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	51.6	42.6	19	18	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch: WET/51708

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182816001

METHOD BLANK: 1484320

Matrix: Water

Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/24/14 11:40	

SAMPLE DUPLICATE: 1484321

Parameter	Units	60182780001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	423	420	1	10	

SAMPLE DUPLICATE: 1484322

Parameter	Units	60182818001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	202	190	6	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch: WET/51631 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182816001

SAMPLE DUPLICATE: 1481305

Parameter	Units	60182831001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch: WET/51645

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182816001

METHOD BLANK: 1481750

Matrix: Water

Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/25/14 08:53	

LABORATORY CONTROL SAMPLE: 1481751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	190	96	85-115	

SAMPLE DUPLICATE: 1481752

Parameter	Units	60182811003 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	168	169	0	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

QC Batch:	WETA/31908	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60182816001		

METHOD BLANK: 1481528 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/20/14 11:18	

LABORATORY CONTROL SAMPLE: 1481529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1481530

Parameter	Units	60182728002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.1	98	90-110	

MATRIX SPIKE SAMPLE: 1481531

Parameter	Units	60182783003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.9	96	90-110	

SAMPLE DUPLICATE: 1481532

Parameter	Units	60182783006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-071
Pace Project No.: 60182816

QC Batch: WETA/31946 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 60182816001

METHOD BLANK: 1484083 Matrix: Water
Associated Lab Samples: 60182816001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/25/14 11:07	

LABORATORY CONTROL SAMPLE: 1484084

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	47.3	95	90-110	

MATRIX SPIKE SAMPLE: 1484086

Parameter	Units	60182474006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	390	250	622	93	90-110	

MATRIX SPIKE SAMPLE: 1484087

Parameter	Units	60182474013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	724	250	897	69	90-110	M1

SAMPLE DUPLICATE: 1484085

Parameter	Units	60182640001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	150	151	0	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

LS Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-071

Pace Project No.: 60182816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182816001	T1-071	EPA 200.7	MPRP/29921	EPA 200.7	ICP/22401
60182816001	T1-071	EPA 200.7	MPRP/29924	EPA 200.7	ICP/22405
60182816001	T1-071	EPA 245.1	MERP/9081	EPA 245.1	MERC/9034
60182816001	T1-071	EPA 245.1	MERP/9095	EPA 245.1	MERC/9048
60182816001	T1-071	EPA 625	OEXT/47218	EPA 625	MSSV/15225
60182816001	T1-071	EPA 624 Low	MSV/65858		
60182816002	TRIP BLANK	EPA 624 Low	MSV/65858		
60182816001	T1-071	EPA 1664A	WET/51633		
60182816001	T1-071	SM 2540D	WET/51708		
60182816001	T1-071	SM 4500-H+B	WET/51631		
60182816001	T1-071	SM 5210B	WET/51645	SM 5210B	WET/51733
60182816001	T1-071	EPA 350.1	WETA/31908		
60182816001	T1-071	EPA 410.4	WETA/31946		

REPORT OF LABORATORY ANALYSIS

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WO#: 60182816



Sample Condition Upon Receipt

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PLC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 3.8

Temperature should be above freezing to 6°C

Date and initials of person examining contents: RJR 11/19/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>pH BOD</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses <u>Y</u> Matrix: <u>water</u>		13. <u>Added 2.5 mL HNO₃ to BP3N</u>
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>12513-37-10</u> <u>initial pH-5.5</u> <u>final - 3.5</u>
Exceptions: <u>VOA</u> coliform, <u>TOC</u> O&G WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>10 1314</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MD</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 11/19/14

December 01, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

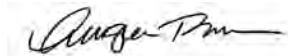
RE: Project: BRIDGETON LF T1-072
Pace Project No.: 60182929

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60182929001	T1-072	Water	11/19/14 08:54	11/20/14 02:10
60182929002	TRIP BLANK	Water	11/19/14 08:54	11/20/14 02:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60182929001	T1-072	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60182929002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Sample: T1-072	Lab ID: 60182929001	Collected: 11/19/14 08:54	Received: 11/20/14 02:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	28700	ug/L	375	1	11/22/14 15:45	11/24/14 11:18	7429-90-5	
Antimony	ND	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:18	7440-36-0	
Arsenic	674	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:18	7440-38-2	
Beryllium	ND	ug/L	5.0	1	11/22/14 15:45	11/24/14 11:18	7440-41-7	
Cadmium	ND	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:18	7440-43-9	
Chromium	182	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:18	7440-47-3	
Cobalt	31.6	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:18	7440-48-4	
Copper	ND	ug/L	50.0	1	11/22/14 15:45	11/24/14 11:18	7440-50-8	
Iron	537000	ug/L	250	1	11/22/14 15:45	11/24/14 11:18	7439-89-6	
Lead	74.4	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:18	7439-92-1	
Nickel	84.8	ug/L	25.0	1	11/22/14 15:45	11/24/14 11:18	7440-02-0	
Selenium	ND	ug/L	75.0	1	11/22/14 15:45	11/24/14 11:18	7782-49-2	
Silver	ND	ug/L	35.0	1	11/22/14 15:45	11/24/14 11:18	7440-22-4	
Thallium	ND	ug/L	100	1	11/22/14 15:45	11/24/14 11:18	7440-28-0	
Zinc	3850	ug/L	250	1	11/22/14 15:45	11/24/14 11:18	7440-66-6	
200.7 Metals, Dissolved (LF) Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	ND	ug/L	375	1	11/22/14 16:30	11/24/14 11:39	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:39	7440-36-0	
Arsenic, Dissolved	323	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:39	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/22/14 16:30	11/24/14 11:39	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:39	7440-43-9	
Chromium, Dissolved	71.4	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:39	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:39	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/22/14 16:30	11/24/14 11:39	7440-50-8	
Iron, Dissolved	126000	ug/L	250	1	11/22/14 16:30	11/24/14 11:39	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:39	7439-92-1	
Nickel, Dissolved	45.3	ug/L	25.0	1	11/22/14 16:30	11/24/14 11:39	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/22/14 16:30	11/24/14 11:39	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/22/14 16:30	11/24/14 11:39	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/22/14 16:30	11/24/14 11:39	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/22/14 16:30	11/24/14 11:39	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	8.9	ug/L	6.0	1	11/22/14 12:00	11/22/14 15:04	7439-97-6	
245.1 Mercury, Dissolved (LF) Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND	ug/L	6.0	1	11/26/14 09:40	11/26/14 13:09	7439-97-6	
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/21/14 00:00	11/23/14 15:07	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/21/14 00:00	11/23/14 15:07	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/21/14 00:00	11/23/14 15:07	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/21/14 00:00	11/23/14 15:07	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/21/14 00:00	11/23/14 15:07	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	11/21/14 00:00	11/23/14 15:07		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Sample: T1-072	Lab ID: 60182929001	Collected: 11/19/14 08:54	Received: 11/20/14 02:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/21/14 00:00	11/23/14 15:07	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/21/14 00:00	11/23/14 15:07	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/21/14 00:00	11/23/14 15:07	87-86-5	
Phenol	1700 ug/L		500	1	11/21/14 00:00	11/23/14 15:07	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/21/14 00:00	11/23/14 15:07	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/21/14 00:00	11/23/14 15:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97 %		33-120	1	11/21/14 00:00	11/23/14 15:07	4165-60-0	
2-Fluorobiphenyl (S)	90 %		39-120	1	11/21/14 00:00	11/23/14 15:07	321-60-8	
Terphenyl-d14 (S)	92 %		45-120	1	11/21/14 00:00	11/23/14 15:07	1718-51-0	
Phenol-d6 (S)	30 %		11-120	1	11/21/14 00:00	11/23/14 15:07	13127-88-3	
2-Fluorophenol (S)	42 %		17-120	1	11/21/14 00:00	11/23/14 15:07	367-12-4	
2,4,6-Tribromophenol (S)	96 %		39-120	1	11/21/14 00:00	11/23/14 15:07	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	60100 ug/L		1000	100		11/26/14 02:27	67-64-1	N2
Benzene	ND ug/L		100	100		11/26/14 02:27	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/26/14 02:27	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 02:27	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 02:27	74-83-9	
2-Butanone (MEK)	27100 ug/L		1000	100		11/26/14 02:27	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 02:27	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 02:27	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 02:27	67-66-3	
1,4-Dichlorobenzene	265 ug/L		100	100		11/26/14 02:27	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 02:27	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 02:27	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 02:27	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 02:27	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 02:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 02:27	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 02:27	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 02:27	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 02:27	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 02:27	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 02:27	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 02:27	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 02:27	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 02:27	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/26/14 02:27	460-00-4	
Toluene-d8 (S)	99 %		80-120	100		11/26/14 02:27	2037-26-5	
1,2-Dichloroethane-d4 (S)	104 %		80-120	100		11/26/14 02:27	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 02:27		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	200 mg/L		5.0	1		11/24/14 09:36		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Sample: T1-072		Lab ID: 60182929001	Collected: 11/19/14 08:54	Received: 11/20/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	9120	mg/L	5.0	1		11/24/14 15:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.6	Std. Units	0.10	1		11/24/14 10:30		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	10700	mg/L	2.0	1	11/20/14 13:26	11/25/14 11:50		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	150	mg/L	5.0	50		11/20/14 12:40	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	21100	mg/L	2500	250		11/28/14 09:03		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Sample: TRIP BLANK		Lab ID: 60182929002	Collected: 11/19/14 08:54	Received: 11/20/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/25/14 22:09	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/25/14 22:09	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/25/14 22:09	75-27-4	
Bromoform	ND ug/L		1.0	1		11/25/14 22:09	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/25/14 22:09	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/25/14 22:09	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/25/14 22:09	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/25/14 22:09	75-00-3	
Chloroform	ND ug/L		1.0	1		11/25/14 22:09	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/25/14 22:09	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/25/14 22:09	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/25/14 22:09	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/25/14 22:09	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/25/14 22:09	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/25/14 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/25/14 22:09	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/25/14 22:09	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/25/14 22:09	127-18-4	
Toluene	ND ug/L		1.0	1		11/25/14 22:09	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/25/14 22:09	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/25/14 22:09	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/25/14 22:09	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/25/14 22:09	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/25/14 22:09	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	1		11/25/14 22:09	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/25/14 22:09	2037-26-5	
1,2-Dichloroethane-d4 (S)	102 %		80-120	1		11/25/14 22:09	17060-07-0	
Preservation pH	7.0		1.0	1		11/25/14 22:09		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: MERP/9081

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60182929001

METHOD BLANK: 1483754

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/22/14 14:37	

LABORATORY CONTROL SAMPLE: 1483755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1483756 1483757

Parameter	Units	60182816001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	ug/L	13.7	150	150	88.2	88.5	50	50	70-130	0	20	M1

MATRIX SPIKE SAMPLE: 1483758

Parameter	Units	60182876002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	3.7	73	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch:	MERP/9095	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60182929001		

METHOD BLANK: 1485032 Matrix: Water
Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/26/14 12:58	

LABORATORY CONTROL SAMPLE: 1485033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485034 1485035

Parameter	Units	60182816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	150	150	70.8	70.8	47	47	70-130	0	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: MPRP/29921

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60182929001

METHOD BLANK: 1484006

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	11/24/14 11:02	
Antimony	ug/L	ND	10.0	11/24/14 11:02	
Arsenic	ug/L	ND	10.0	11/24/14 11:02	
Beryllium	ug/L	ND	1.0	11/24/14 11:02	
Cadmium	ug/L	ND	5.0	11/24/14 11:02	
Chromium	ug/L	ND	5.0	11/24/14 11:02	
Cobalt	ug/L	ND	5.0	11/24/14 11:02	
Copper	ug/L	ND	10.0	11/24/14 11:02	
Iron	ug/L	ND	50.0	11/24/14 11:02	
Lead	ug/L	ND	5.0	11/24/14 11:02	
Nickel	ug/L	ND	5.0	11/24/14 11:02	
Selenium	ug/L	ND	15.0	11/24/14 11:02	
Silver	ug/L	ND	7.0	11/24/14 11:02	
Thallium	ug/L	ND	20.0	11/24/14 11:02	
Zinc	ug/L	ND	50.0	11/24/14 11:02	

LABORATORY CONTROL SAMPLE: 1484007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9820	98	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	977	98	85-115	
Beryllium	ug/L	1000	996	100	85-115	
Cadmium	ug/L	1000	996	100	85-115	
Chromium	ug/L	1000	964	96	85-115	
Cobalt	ug/L	1000	1000	100	85-115	
Copper	ug/L	1000	1020	102	85-115	
Iron	ug/L	10000	9490	95	85-115	
Lead	ug/L	1000	997	100	85-115	
Nickel	ug/L	1000	1010	101	85-115	
Selenium	ug/L	1000	984	98	85-115	
Silver	ug/L	500	494	99	85-115	
Thallium	ug/L	1000	975	98	85-115	
Zinc	ug/L	1000	984	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1484008		1484009									
Parameter	Units	60182816001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	21500	50000	50000	76400	76000	110	109	70-130	1	20		
Antimony	ug/L	ND	5000	5000	5390	5400	108	108	70-130	0	20		
Arsenic	ug/L	596	5000	5000	5880	5890	106	106	70-130	0	20		
Beryllium	ug/L	ND	5000	5000	4940	4870	99	97	70-130	2	20		
Cadmium	ug/L	ND	5000	5000	5240	5210	105	104	70-130	1	20		
Chromium	ug/L	166	5000	5000	4820	4780	93	92	70-130	1	20		
Cobalt	ug/L	32.8	5000	5000	4970	4930	99	98	70-130	1	20		
Copper	ug/L	ND	5000	5000	5440	5490	108	109	70-130	1	20		
Iron	ug/L	510000	50000	50000	570000	576000	121	133	70-130	1	20	M1	
Lead	ug/L	66.4	5000	5000	4850	4790	96	95	70-130	1	20		
Nickel	ug/L	82.2	5000	5000	5010	4960	99	98	70-130	1	20		
Selenium	ug/L	ND	5000	5000	5360	5380	107	107	70-130	0	20		
Silver	ug/L	ND	2500	2500	2580	2600	103	104	70-130	1	20		
Thallium	ug/L	ND	5000	5000	4560	4510	91	90	70-130	1	20		
Zinc	ug/L	3940	5000	5000	8620	8540	94	92	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: MPRP/29924

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60182929001

METHOD BLANK: 1484018

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/24/14 11:25	
Antimony, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Arsenic, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Beryllium, Dissolved	ug/L	ND	1.0	11/24/14 11:25	
Cadmium, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Chromium, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Cobalt, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Copper, Dissolved	ug/L	ND	10.0	11/24/14 11:25	
Iron, Dissolved	ug/L	ND	50.0	11/24/14 11:25	
Lead, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Nickel, Dissolved	ug/L	ND	5.0	11/24/14 11:25	
Selenium, Dissolved	ug/L	ND	15.0	11/24/14 11:25	
Silver, Dissolved	ug/L	ND	7.0	11/24/14 11:25	
Thallium, Dissolved	ug/L	ND	20.0	11/24/14 11:25	
Zinc, Dissolved	ug/L	ND	50.0	11/24/14 11:25	

LABORATORY CONTROL SAMPLE: 1484019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9740	97	85-115	
Antimony, Dissolved	ug/L	1000	1040	104	85-115	
Arsenic, Dissolved	ug/L	1000	982	98	85-115	
Beryllium, Dissolved	ug/L	1000	991	99	85-115	
Cadmium, Dissolved	ug/L	1000	994	99	85-115	
Chromium, Dissolved	ug/L	1000	940	94	85-115	
Cobalt, Dissolved	ug/L	1000	1010	101	85-115	
Copper, Dissolved	ug/L	1000	1030	103	85-115	
Iron, Dissolved	ug/L	10000	9390	94	85-115	
Lead, Dissolved	ug/L	1000	989	99	85-115	
Nickel, Dissolved	ug/L	1000	1020	102	85-115	
Selenium, Dissolved	ug/L	1000	996	100	85-115	
Silver, Dissolved	ug/L	500	490	98	85-115	
Thallium, Dissolved	ug/L	1000	978	98	85-115	
Zinc, Dissolved	ug/L	1000	960	96	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Parameter	Units	1484020		1484021		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		60182816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Aluminum, Dissolved	ug/L	ND	50000	50000	48800	48400	97	96	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5340	5380	107	107	70-130	1	20	
Arsenic, Dissolved	ug/L	326	5000	5000	5420	5450	102	102	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4840	4820	97	96	70-130	0	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5100	5130	102	103	70-130	0	20	
Chromium, Dissolved	ug/L	66.0	5000	5000	4620	4610	91	91	70-130	0	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4900	4890	98	98	70-130	0	20	
Copper, Dissolved	ug/L	ND	5000	5000	5320	5380	106	107	70-130	1	20	
Iron, Dissolved	ug/L	86000	50000	50000	125000	124000	78	75	70-130	1	20	
Lead, Dissolved	ug/L	ND	5000	5000	4750	4760	95	95	70-130	0	20	
Nickel, Dissolved	ug/L	48.4	5000	5000	4910	4930	97	98	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5240	5260	105	105	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2510	2540	101	102	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4630	4660	92	93	70-130	1	20	
Zinc, Dissolved	ug/L	ND	5000	5000	4580	4590	91	91	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: MSV/66019 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60182929001, 60182929002

METHOD BLANK: 1484745 Matrix: Water

Associated Lab Samples: 60182929001, 60182929002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/25/14 21:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/25/14 21:37	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/25/14 21:37	
1,2-Dichloroethane	ug/L	ND	1.0	11/25/14 21:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/25/14 21:37	
2-Butanone (MEK)	ug/L	ND	10.0	11/25/14 21:37	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/25/14 21:37	N2
Acetone	ug/L	ND	10.0	11/25/14 21:37	N2
Benzene	ug/L	ND	1.0	11/25/14 21:37	
Bromodichloromethane	ug/L	ND	1.0	11/25/14 21:37	
Bromoform	ug/L	ND	1.0	11/25/14 21:37	
Bromomethane	ug/L	ND	5.0	11/25/14 21:37	
Carbon tetrachloride	ug/L	ND	1.0	11/25/14 21:37	
Chloroethane	ug/L	ND	1.0	11/25/14 21:37	
Chloroform	ug/L	ND	1.0	11/25/14 21:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/25/14 21:37	N2
Ethylbenzene	ug/L	ND	1.0	11/25/14 21:37	
Methylene chloride	ug/L	ND	1.0	11/25/14 21:37	
Tetrachloroethene	ug/L	ND	1.0	11/25/14 21:37	
Toluene	ug/L	ND	1.0	11/25/14 21:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/25/14 21:37	
Trichloroethene	ug/L	ND	1.0	11/25/14 21:37	
Vinyl chloride	ug/L	ND	1.0	11/25/14 21:37	
Xylene (Total)	ug/L	ND	3.0	11/25/14 21:37	N2
1,2-Dichloroethane-d4 (S)	%	104	80-120	11/25/14 21:37	
4-Bromofluorobenzene (S)	%	99	80-120	11/25/14 21:37	
Toluene-d8 (S)	%	100	80-120	11/25/14 21:37	

LABORATORY CONTROL SAMPLE: 1484746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.0	100	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.3	102	67-124	
1,2-Dichloroethane	ug/L	20	20.3	102	70-126	
1,4-Dichlorobenzene	ug/L	20	20.7	104	74-120	
2-Butanone (MEK)	ug/L	100	92.9	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.3	99	59-131	N2
Acetone	ug/L	100	101	101	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

LABORATORY CONTROL SAMPLE: 1484746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.8	104	68-125	
Bromoform	ug/L	20	20.6	103	65-127	
Bromomethane	ug/L	20	21.2	106	13-157	
Carbon tetrachloride	ug/L	20	19.9	99	70-131	
Chloroethane	ug/L	20	19.2	96	47-133	
Chloroform	ug/L	20	19.6	98	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	68-127	N2
Ethylbenzene	ug/L	20	20.2	101	74-122	
Methylene chloride	ug/L	20	20.7	103	64-129	
Tetrachloroethene	ug/L	20	19.6	98	73-125	
Toluene	ug/L	20	19.9	99	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	66-129	
Trichloroethene	ug/L	20	19.9	100	71-123	
Vinyl chloride	ug/L	20	20.2	101	43-129	
Xylene (Total)	ug/L	60	61.2	102	75-121	N2
1,2-Dichloroethane-d4 (S)	%			103	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1484747

Parameter	Units	60182876001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L		ND	100	109	109	52-155
1,1,2,2-Tetrachloroethane	ug/L		ND	100	119	119	46-146 N2
1,1,2-Trichloroethane	ug/L		ND	100	112	112	52-143
1,2-Dichloroethane	ug/L		ND	100	103	103	49-144
1,4-Dichlorobenzene	ug/L		11.1	100	109	98	33-140
2-Butanone (MEK)	ug/L		ND	500	514	103	40-160 N2
4-Methyl-2-pentanone (MIBK)	ug/L		ND	500	551	110	40-160 N2
Acetone	ug/L		ND	500	563	110	10-160 N2
Benzene	ug/L		ND	100	101	99	37-151
Bromodichloromethane	ug/L		11.7	100	112	100	35-142
Bromoform	ug/L		ND	100	115	112	45-142
Bromomethane	ug/L		ND	100	111	111	10-158
Carbon tetrachloride	ug/L		ND	100	109	109	70-140
Chloroethane	ug/L		ND	100	102	102	19-152
Chloroform	ug/L		12.3	100	113	100	51-138
cis-1,2-Dichloroethene	ug/L		ND	100	94.1	94	34-147 N2
Ethylbenzene	ug/L		ND	100	103	103	40-142
Methylene chloride	ug/L		ND	100	105	101	31-144
Tetrachloroethene	ug/L		ND	100	108	108	64-148
Toluene	ug/L		ND	100	101	99	47-150
trans-1,2-Dichloroethene	ug/L		ND	100	109	109	54-151
Trichloroethene	ug/L		ND	100	108	108	71-149
Vinyl chloride	ug/L		ND	100	109	109	22-146

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

MATRIX SPIKE SAMPLE:		1484747					
Parameter	Units	60182876001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	300	312	104	37-144	N2
1,2-Dichloroethane-d4 (S)	%				100	80-120	
4-Bromofluorobenzene (S)	%				99	80-120	
Toluene-d8 (S)	%				97	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: OEXT/47218

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60182929001

METHOD BLANK: 1482446

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/23/14 14:04	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/23/14 14:04	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/23/14 14:04	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/23/14 14:04	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/23/14 14:04	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/23/14 14:04	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/23/14 14:04	
Hexachloroethane	ug/L	ND	5.0	11/23/14 14:04	
Naphthalene	ug/L	ND	5.0	11/23/14 14:04	
Nitrobenzene	ug/L	ND	5.0	11/23/14 14:04	
Pentachlorophenol	ug/L	ND	5.0	11/23/14 14:04	
Phenol	ug/L	ND	5.0	11/23/14 14:04	
2,4,6-Tribromophenol (S)	%	92	39-120	11/23/14 14:04	
2-Fluorobiphenyl (S)	%	94	39-120	11/23/14 14:04	
2-Fluorophenol (S)	%	43	17-120	11/23/14 14:04	
Nitrobenzene-d5 (S)	%	91	33-120	11/23/14 14:04	
Phenol-d6 (S)	%	26	11-120	11/23/14 14:04	
Terphenyl-d14 (S)	%	97	45-120	11/23/14 14:04	

LABORATORY CONTROL SAMPLE: 1482447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.9	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.8	90	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	34.4	69	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.2	62	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.1	108	40-133	
Hexachloro-1,3-butadiene	ug/L	50	42.4	85	44-116	
Hexachlorocyclopentadiene	ug/L	100	45.1	45	24-120	
Hexachloroethane	ug/L	50	42.5	85	43-113	
Naphthalene	ug/L	50	44.8	90	48-120	
Nitrobenzene	ug/L	50	45.1	90	48-120	
Pentachlorophenol	ug/L	50	46.7	93	47-120	
Phenol	ug/L	50	16.6	33	16-112	
2,4,6-Tribromophenol (S)	%			98	39-120	
2-Fluorobiphenyl (S)	%			92	39-120	
2-Fluorophenol (S)	%			43	17-120	
Nitrobenzene-d5 (S)	%			92	33-120	
Phenol-d6 (S)	%			28	11-120	
Terphenyl-d14 (S)	%			101	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

MATRIX SPIKE SAMPLE:		1482448					
Parameter	Units	60182876002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	43.0	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	50.5	101	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	36.8	74	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	31.5	63	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	53.1	106	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	42.6	85	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	54.5	54	11-120	
Hexachloroethane	ug/L	ND	50	42.2	84	40-113	
Naphthalene	ug/L	ND	50	46.4	93	45-120	
Nitrobenzene	ug/L	ND	50	45.5	91	38-120	
Pentachlorophenol	ug/L	ND	50	34.9	70	43-135	
Phenol	ug/L	ND	50	14.3	29	13-112	
2,4,6-Tribromophenol (S)	%				100	39-120	
2-Fluorobiphenyl (S)	%				99	39-120	
2-Fluorophenol (S)	%				40	17-120	
Nitrobenzene-d5 (S)	%				92	33-120	
Phenol-d6 (S)	%				27	11-120	
Terphenyl-d14 (S)	%				103	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch:	WET/51696	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60182929001		

METHOD BLANK: 1484096 Matrix: Water
Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/24/14 09:36	

LABORATORY CONTROL SAMPLE: 1484097

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.0	95	78-114	

MATRIX SPIKE SAMPLE: 1484098

Parameter	Units	60182931001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	38.0	90	78-114	

SAMPLE DUPLICATE: 1484099

Parameter	Units	60182938001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	.86J		18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: WET/51711

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60182929001

METHOD BLANK: 1484330

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/24/14 15:29	

SAMPLE DUPLICATE: 1484331

Parameter	Units	60182903001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	316	372	16	10	D6

SAMPLE DUPLICATE: 1484332

Parameter	Units	60182923001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1290	2240	54	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: WET/51703 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60182929001

SAMPLE DUPLICATE: 1484193

Parameter	Units	60182753017 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.0	8.0	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: WET/51652

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60182929001

METHOD BLANK: 1482020

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/25/14 10:57	

LABORATORY CONTROL SAMPLE: 1482021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	203	102	85-115	

SAMPLE DUPLICATE: 1482022

Parameter	Units	60182908001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1070	1080	1	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch: WETA/31909

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60182929001

METHOD BLANK: 1481538

Matrix: Water

Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	11/20/14 11:51	

LABORATORY CONTROL SAMPLE: 1481539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.0	99	90-110	

MATRIX SPIKE SAMPLE: 1481540

Parameter	Units	60182850001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	2	1.6	82	90-110	M1

MATRIX SPIKE SAMPLE: 1481654

Parameter	Units	60182785003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.37	2	2.2	93	90-110	

SAMPLE DUPLICATE: 1481541

Parameter	Units	60182851001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

QC Batch:	WETA/31974	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60182929001		

METHOD BLANK: 1485355 Matrix: Water
Associated Lab Samples: 60182929001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	11/28/14 08:58	

LABORATORY CONTROL SAMPLE: 1485356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	45.8	92	90-110	

MATRIX SPIKE SAMPLE: 1485358

Parameter	Units	60182790001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	61.6	50	107	90	90-110	

MATRIX SPIKE SAMPLE: 1485359

Parameter	Units	60182791001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	303	250	518	86	90-110	M1

SAMPLE DUPLICATE: 1485357

Parameter	Units	60182775001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	131	130	1	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-072

Pace Project No.: 60182929

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60182929001	T1-072	EPA 200.7	MPRP/29921	EPA 200.7	ICP/22401
60182929001	T1-072	EPA 200.7	MPRP/29924	EPA 200.7	ICP/22405
60182929001	T1-072	EPA 245.1	MERP/9081	EPA 245.1	MERC/9034
60182929001	T1-072	EPA 245.1	MERP/9095	EPA 245.1	MERC/9048
60182929001	T1-072	EPA 625	OEXT/47218	EPA 625	MSSV/15225
60182929001	T1-072	EPA 624 Low	MSV/66019		
60182929002	TRIP BLANK	EPA 624 Low	MSV/66019		
60182929001	T1-072	EPA 1664A	WET/51696		
60182929001	T1-072	SM 2540D	WET/51711		
60182929001	T1-072	SM 4500-H+B	WET/51703		
60182929001	T1-072	SM 5210B	WET/51652	SM 5210B	WET/51734
60182929001	T1-072	EPA 350.1	WETA/31909		
60182929001	T1-072	EPA 410.4	WETA/31974		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60182929



Client Name: Barr (Bridgeton)

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-238 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 3.2

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: BB 11/20/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses	Matrix: <u>water</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Initial 5.5 final 3.5</u> <u>2.5ml of 12513-39-10 H₂O₂ added</u>
Exceptions <u>VOA</u> , coliform, TOC, O&G, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>covered</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/20/14



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A**Required Client Information:**

Company: **BARR ENGINEERING**
Address:
Email To:
Phone: **(816) 285-8410** Fax
Requested Due Date/TAT: **10 Day (Default)**

Section B**Required Project Information:**

Report To: **ED GALBRAITH/BARR**
Copy To: **SCOTT FEDAK/FEEZOR**
DANA BAKER/MARGARET TREANOR -BARR
Purchase Order No.
Client Project ID: **BRIDGETON LF**
Container Order Number:

Section C**Invoice Information:**

Attention: **AMY HARGROVE/BRIAN POWER**
Company Name: **REPUBLIC SERVICES**
Address: **BRIDGETON, MO 63044**
Pace Quote Reference: **130426 7588**
Pace Project Manager: **Brown, Angie**
Pace Profile #: **7585 LINE 2**

Regulatory Agency

State / Location
Missouri

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe W/P WP Air AR Other OT Tissue TS	COLLECTED				SAMPLE TEMP AT COLLECTION	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)															
				START		END			# OF CONTAINERS	Preservatives																								
		MATRIX TYPE (G=GRAB C=COMP)		DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N		
1	T1-072 (BPCV) (BPSV)	OT	G	11/14/14	0854	2016	40	14	10	3	1	0	20635				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5.5 8.5 60182929 ar ar		
2	TRIP BLANK							2	2				20696																					
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

METALS LIST total & LF Dis:
Al, Sb, As, Be, Cd, Cr,
Co, Cu, Fe, Pb, Ni, Se, Ag, Tl, Zn
and Mercury

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	BRANDON SYRSA / LRGs	11/19/14		Angie Power #781	11-19-14	1200	
SITE ADDRESS: BRIDGETON LF				Brandon Pace	11/20	02103.2	y y y
13570 ST CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: <i>William Abernathy</i>	DATE Signed: 11/19/14				

December 10, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

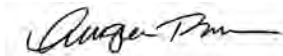
RE: Project: BRIDGETON LF T1-073
Pace Project No.: 60183238

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183238001	T1-073	Water	11/20/14 16:00	11/24/14 15:05
60183238002	TRIP BLANK	Water	11/20/14 08:00	11/24/14 15:05

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183238001	T1-073	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JML	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183238002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Sample: T1-073	Lab ID: 60183238001	Collected: 11/20/14 16:00	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	23200 ug/L		375	1	12/01/14 10:30	12/01/14 15:53	7429-90-5	
Antimony	ND ug/L		50.0	1	12/01/14 10:30	12/01/14 15:53	7440-36-0	
Arsenic	728 ug/L		50.0	1	12/01/14 10:30	12/01/14 15:53	7440-38-2	
Beryllium	ND ug/L		5.0	1	12/01/14 10:30	12/01/14 15:53	7440-41-7	
Cadmium	ND ug/L		25.0	1	12/01/14 10:30	12/01/14 15:53	7440-43-9	
Chromium	200 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:53	7440-47-3	
Cobalt	34.5 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:53	7440-48-4	
Copper	ND ug/L		50.0	1	12/01/14 10:30	12/01/14 15:53	7440-50-8	
Iron	536000 ug/L		250	1	12/01/14 10:30	12/01/14 15:53	7439-89-6	
Lead	55.4 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:53	7439-92-1	
Nickel	84.6 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:53	7440-02-0	
Selenium	ND ug/L		75.0	1	12/01/14 10:30	12/01/14 15:53	7782-49-2	
Silver	ND ug/L		35.0	1	12/01/14 10:30	12/01/14 15:53	7440-22-4	
Thallium	ND ug/L		100	1	12/01/14 10:30	12/01/14 15:53	7440-28-0	
Zinc	4190 ug/L		250	1	12/01/14 10:30	12/01/14 15:53	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/26/14 11:20	11/26/14 17:05	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/26/14 11:20	11/26/14 17:05	7440-36-0	
Arsenic, Dissolved	420 ug/L		50.0	1	11/26/14 11:20	11/26/14 17:05	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/26/14 11:20	11/26/14 17:05	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 17:05	7440-43-9	
Chromium, Dissolved	79.4 ug/L		25.0	1	11/26/14 11:20	11/26/14 17:05	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 17:05	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/26/14 11:20	11/26/14 17:05	7440-50-8	
Iron, Dissolved	92600 ug/L		250	1	11/26/14 11:20	11/26/14 17:05	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 17:05	7439-92-1	
Nickel, Dissolved	54.0 ug/L		25.0	1	11/26/14 11:20	11/26/14 17:05	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/26/14 11:20	11/26/14 17:05	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/26/14 11:20	11/26/14 17:05	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/26/14 11:20	11/26/14 17:05	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/26/14 11:20	11/26/14 17:05	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	10.0 ug/L		6.0	1	11/26/14 09:40	11/26/14 12:56	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/26/14 09:40	11/26/14 13:20	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/25/14 00:00	11/30/14 19:40	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/25/14 00:00	11/30/14 19:40	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	3500 ug/L		2000	1	11/25/14 00:00	11/30/14 19:40		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Sample: T1-073	Lab ID: 60183238001	Collected: 11/20/14 16:00	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	764 ug/L		500	1	11/25/14 00:00	11/30/14 19:40	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	87-86-5	
Phenol	6150 ug/L		500	1	11/25/14 00:00	11/30/14 19:40	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/25/14 00:00	11/30/14 19:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98 %		33-120	1	11/25/14 00:00	11/30/14 19:40	4165-60-0	
2-Fluorobiphenyl (S)	77 %		39-120	1	11/25/14 00:00	11/30/14 19:40	321-60-8	
Terphenyl-d14 (S)	86 %		45-120	1	11/25/14 00:00	11/30/14 19:40	1718-51-0	
Phenol-d6 (S)	40 %		11-120	1	11/25/14 00:00	11/30/14 19:40	13127-88-3	
2-Fluorophenol (S)	66 %		17-120	1	11/25/14 00:00	11/30/14 19:40	367-12-4	
2,4,6-Tribromophenol (S)	90 %		39-120	1	11/25/14 00:00	11/30/14 19:40	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	63500 ug/L		1000	100		11/26/14 06:30	67-64-1	N2
Benzene	ND ug/L		100	100		11/26/14 06:30	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/26/14 06:30	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 06:30	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 06:30	74-83-9	
2-Butanone (MEK)	33200 ug/L		1000	100		11/26/14 06:30	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 06:30	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 06:30	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 06:30	67-66-3	
1,4-Dichlorobenzene	170 ug/L		100	100		11/26/14 06:30	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 06:30	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 06:30	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 06:30	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 06:30	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 06:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 06:30	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 06:30	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 06:30	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 06:30	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 06:30	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 06:30	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 06:30	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 06:30	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 06:30	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	100		11/26/14 06:30	460-00-4	
Toluene-d8 (S)	100 %		80-120	100		11/26/14 06:30	2037-26-5	
1,2-Dichloroethane-d4 (S)	104 %		80-120	100		11/26/14 06:30	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 06:30		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	194 mg/L		5.0	1		12/04/14 10:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Sample: T1-073		Lab ID: 60183238001	Collected: 11/20/14 16:00	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	6780	mg/L	5.0	1		11/27/14 17:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.3	Std. Units	0.10	1		11/25/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	11900	mg/L	2.0	1	11/24/14 18:11	11/29/14 08:34		H3,L2
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	180	mg/L	5.0	50		12/02/14 19:10	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	26300	mg/L	2500	250		12/09/14 12:14		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Sample: TRIP BLANK		Lab ID: 60183238002	Collected: 11/20/14 08:00	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/26/14 03:48	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/26/14 03:48	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/26/14 03:48	75-27-4	
Bromoform	ND ug/L		1.0	1		11/26/14 03:48	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/26/14 03:48	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/26/14 03:48	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/26/14 03:48	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/26/14 03:48	75-00-3	
Chloroform	ND ug/L		1.0	1		11/26/14 03:48	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/26/14 03:48	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/26/14 03:48	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 03:48	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 03:48	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/26/14 03:48	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/26/14 03:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/26/14 03:48	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/26/14 03:48	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/26/14 03:48	127-18-4	
Toluene	ND ug/L		1.0	1		11/26/14 03:48	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/26/14 03:48	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/26/14 03:48	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/26/14 03:48	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/26/14 03:48	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/26/14 03:48	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	1		11/26/14 03:48	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/26/14 03:48	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	1		11/26/14 03:48	17060-07-0	
Preservation pH	7.0		1.0	1		11/26/14 03:48		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: MERP/9094

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183238001

METHOD BLANK: 1485028

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/26/14 12:27	

LABORATORY CONTROL SAMPLE: 1485029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485030 1485031

Parameter	Units	60183236001 Result	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Spike Conc.	MSD Result	% Rec	% Rec						
Mercury	ug/L	ND	150	150	84.6	78.0	52	48	70-130	8	20	M1		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: MERP/9095

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183238001

METHOD BLANK: 1485032

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/26/14 12:58	

LABORATORY CONTROL SAMPLE: 1485033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485034 1485035

Parameter	Units	60182816001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Mercury, Dissolved	ug/L	ND	150	150	70.8	70.8	47	47	70-130	0	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: MPRP/29976

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183238001

METHOD BLANK: 1485901

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/01/14 15:37	
Antimony	ug/L	ND	10.0	12/01/14 15:37	
Arsenic	ug/L	ND	10.0	12/01/14 15:37	
Beryllium	ug/L	ND	1.0	12/01/14 15:37	
Cadmium	ug/L	ND	5.0	12/01/14 15:37	
Chromium	ug/L	ND	5.0	12/01/14 15:37	
Cobalt	ug/L	ND	5.0	12/01/14 15:37	
Copper	ug/L	ND	10.0	12/01/14 15:37	
Iron	ug/L	ND	50.0	12/01/14 15:37	
Lead	ug/L	ND	5.0	12/01/14 15:37	
Nickel	ug/L	ND	5.0	12/01/14 15:37	
Selenium	ug/L	ND	15.0	12/01/14 15:37	
Silver	ug/L	ND	7.0	12/01/14 15:37	
Thallium	ug/L	ND	20.0	12/01/14 15:37	
Zinc	ug/L	ND	50.0	12/01/14 15:37	

LABORATORY CONTROL SAMPLE: 1485902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9960	100	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	965	97	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9550	96	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	976	98	85-115	
Silver	ug/L	500	507	101	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1485903		1485904									
Parameter	Units	60183236001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	11800	50000	50000	65000	64100	106	105	70-130	1	20		
Antimony	ug/L	ND	5000	5000	5460	5420	109	108	70-130	1	20		
Arsenic	ug/L	612	5000	5000	5980	5900	107	106	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4780	4780	96	96	70-130	0	20		
Cadmium	ug/L	ND	5000	5000	5240	5200	105	104	70-130	1	20		
Chromium	ug/L	157	5000	5000	5100	5070	99	98	70-130	1	20		
Cobalt	ug/L	ND	5000	5000	4960	4950	99	98	70-130	0	20		
Copper	ug/L	568	5000	5000	5980	5920	108	107	70-130	1	20		
Iron	ug/L	352000	50000	50000	398000	379000	92	54	70-130	5	20	M1	
Lead	ug/L	67.2	5000	5000	4930	4900	97	97	70-130	0	20		
Nickel	ug/L	82.8	5000	5000	5050	5030	99	99	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5500	5420	109	107	70-130	2	20		
Silver	ug/L	ND	2500	2500	2690	2670	108	107	70-130	1	20		
Thallium	ug/L	ND	5000	5000	4500	4510	90	90	70-130	0	20		
Zinc	ug/L	3070	5000	5000	7860	7680	96	92	70-130	2	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: MPRP/29961

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183238001

METHOD BLANK: 1485376

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/26/14 16:47	
Antimony, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Arsenic, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Beryllium, Dissolved	ug/L	ND	1.0	11/26/14 16:47	
Cadmium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Chromium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Cobalt, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Copper, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Iron, Dissolved	ug/L	ND	50.0	11/26/14 16:47	
Lead, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Nickel, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Selenium, Dissolved	ug/L	ND	15.0	11/26/14 16:47	
Silver, Dissolved	ug/L	ND	7.0	11/26/14 16:47	
Thallium, Dissolved	ug/L	ND	20.0	11/26/14 16:47	
Zinc, Dissolved	ug/L	ND	50.0	11/26/14 16:47	

LABORATORY CONTROL SAMPLE: 1485377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	1060	106	85-115	
Arsenic, Dissolved	ug/L	1000	1020	102	85-115	
Beryllium, Dissolved	ug/L	1000	969	97	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	974	97	85-115	
Cobalt, Dissolved	ug/L	1000	1060	106	85-115	
Copper, Dissolved	ug/L	1000	1040	104	85-115	
Iron, Dissolved	ug/L	10000	9760	98	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1020	102	85-115	
Silver, Dissolved	ug/L	500	504	101	85-115	
Thallium, Dissolved	ug/L	1000	1060	106	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Parameter	Units	60183236001		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
Aluminum, Dissolved	ug/L	ND	50000	50000	49700	49300	99	98	70-130	1	20					
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5380	109	107	70-130	2	20					
Arsenic, Dissolved	ug/L	422	5000	5000	5830	5710	108	106	70-130	2	20					
Beryllium, Dissolved	ug/L	ND	5000	5000	4750	4690	95	94	70-130	1	20					
Cadmium, Dissolved	ug/L	ND	5000	5000	5300	5220	106	104	70-130	2	20					
Chromium, Dissolved	ug/L	75.0	5000	5000	5000	4940	98	97	70-130	1	20					
Cobalt, Dissolved	ug/L	ND	5000	5000	5210	5140	104	103	70-130	1	20					
Copper, Dissolved	ug/L	ND	5000	5000	5470	5420	109	108	70-130	1	20					
Iron, Dissolved	ug/L	40300	50000	50000	89100	88000	98	96	70-130	1	20					
Lead, Dissolved	ug/L	ND	5000	5000	4800	4740	96	95	70-130	1	20					
Nickel, Dissolved	ug/L	56.8	5000	5000	5090	5020	101	99	70-130	1	20					
Selenium, Dissolved	ug/L	ND	5000	5000	5340	5240	107	105	70-130	2	20					
Silver, Dissolved	ug/L	ND	2500	2500	2520	2560	101	102	70-130	2	20					
Thallium, Dissolved	ug/L	ND	5000	5000	4680	4630	94	93	70-130	1	20					
Zinc, Dissolved	ug/L	ND	5000	5000	5070	5010	98	97	70-130	1	20					

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: MSV/66024 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183238001, 60183238002

METHOD BLANK: 1484785 Matrix: Water

Associated Lab Samples: 60183238001, 60183238002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/26/14 03:16	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,2-Dichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/26/14 03:16	
2-Butanone (MEK)	ug/L	ND	10.0	11/26/14 03:16	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/26/14 03:16	N2
Acetone	ug/L	ND	10.0	11/26/14 03:16	N2
Benzene	ug/L	ND	1.0	11/26/14 03:16	
Bromodichloromethane	ug/L	ND	1.0	11/26/14 03:16	
Bromoform	ug/L	ND	1.0	11/26/14 03:16	
Bromomethane	ug/L	ND	5.0	11/26/14 03:16	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 03:16	
Chloroethane	ug/L	ND	1.0	11/26/14 03:16	
Chloroform	ug/L	ND	1.0	11/26/14 03:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	N2
Ethylbenzene	ug/L	ND	1.0	11/26/14 03:16	
Methylene chloride	ug/L	ND	1.0	11/26/14 03:16	
Tetrachloroethene	ug/L	ND	1.0	11/26/14 03:16	
Toluene	ug/L	ND	1.0	11/26/14 03:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Trichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Vinyl chloride	ug/L	ND	1.0	11/26/14 03:16	
Xylene (Total)	ug/L	ND	3.0	11/26/14 03:16	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/26/14 03:16	
4-Bromofluorobenzene (S)	%	96	80-120	11/26/14 03:16	
Toluene-d8 (S)	%	100	80-120	11/26/14 03:16	

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.8	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	17.8	89	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.3	102	70-126	
1,4-Dichlorobenzene	ug/L	20	20.2	101	74-120	
2-Butanone (MEK)	ug/L	100	89.4	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.6	99	59-131	N2
Acetone	ug/L	100	105	105	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	103	68-125	
Bromoform	ug/L	20	20.0	100	65-127	
Bromomethane	ug/L	20	20.1	100	13-157	
Carbon tetrachloride	ug/L	20	19.4	97	70-131	
Chloroethane	ug/L	20	18.8	94	47-133	
Chloroform	ug/L	20	19.9	99	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	68-127	N2
Ethylbenzene	ug/L	20	19.5	97	74-122	
Methylene chloride	ug/L	20	20.5	102	64-129	
Tetrachloroethene	ug/L	20	18.8	94	73-125	
Toluene	ug/L	20	19.6	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	20.9	104	71-123	
Vinyl chloride	ug/L	20	19.4	97	43-129	
Xylene (Total)	ug/L	60	59.3	99	75-121	N2
1,2-Dichloroethane-d4 (S)	%			105	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1484787

Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2220	111	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2160	108	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2160	108	52-143	
1,2-Dichloroethane	ug/L	ND	2000	2130	107	49-144	
1,4-Dichlorobenzene	ug/L	170	2000	2350	109	33-140	
2-Butanone (MEK)	ug/L	33200	10000	42800	96	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	11200	104	40-160	N2
Acetone	ug/L	63500	10000	72000	85	10-160	N2
Benzene	ug/L	ND	2000	2040	102	37-151	
Bromodichloromethane	ug/L	ND	2000	2160	108	35-142	
Bromoform	ug/L	ND	2000	2140	107	45-142	
Bromomethane	ug/L	ND	2000	1980	99	10-158	
Carbon tetrachloride	ug/L	ND	2000	2240	112	70-140	
Chloroethane	ug/L	ND	2000	1950	97	19-152	
Chloroform	ug/L	ND	2000	2100	105	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1940	97	34-147	N2
Ethylbenzene	ug/L	ND	2000	2150	108	40-142	
Methylene chloride	ug/L	ND	2000	2130	105	31-144	
Tetrachloroethene	ug/L	ND	2000	2030	102	64-148	
Toluene	ug/L	ND	2000	2120	106	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2160	108	54-151	
Trichloroethene	ug/L	ND	2000	2090	104	71-149	
Vinyl chloride	ug/L	ND	2000	1980	99	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

MATRIX SPIKE SAMPLE: 1484787		60183238001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6590	110	37-144	N2
1,2-Dichloroethane-d4 (S)	%				103	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073
Pace Project No.: 60183238

QC Batch: OEXT/47265 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60183238001

METHOD BLANK: 1484596 Matrix: Water
Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/26/14 12:13	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/26/14 12:13	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/26/14 12:13	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/26/14 12:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachloroethane	ug/L	ND	5.0	11/26/14 12:13	
Naphthalene	ug/L	ND	5.0	11/26/14 12:13	
Nitrobenzene	ug/L	ND	5.0	11/26/14 12:13	
Pentachlorophenol	ug/L	ND	5.0	11/26/14 12:13	
Phenol	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Tribromophenol (S)	%	94	39-120	11/26/14 12:13	
2-Fluorobiphenyl (S)	%	94	39-120	11/26/14 12:13	
2-Fluorophenol (S)	%	66	17-120	11/26/14 12:13	
Nitrobenzene-d5 (S)	%	96	33-120	11/26/14 12:13	
Phenol-d6 (S)	%	49	11-120	11/26/14 12:13	
Terphenyl-d14 (S)	%	103	45-120	11/26/14 12:13	

LABORATORY CONTROL SAMPLE: 1484597

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.2	80	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.2	88	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	40.5	81	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.1	72	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.5	109	40-133	
Hexachloro-1,3-butadiene	ug/L	50	36.2	72	44-116	
Hexachlorocyclopentadiene	ug/L	100	42.2	42	24-120	
Hexachloroethane	ug/L	50	35.6	71	43-113	
Naphthalene	ug/L	50	41.5	83	48-120	
Nitrobenzene	ug/L	50	45.7	91	48-120	
Pentachlorophenol	ug/L	50	47.6	95	47-120	
Phenol	ug/L	50	23.1	46	16-112	
2,4,6-Tribromophenol (S)	%			97	39-120	
2-Fluorobiphenyl (S)	%			89	39-120	
2-Fluorophenol (S)	%			59	17-120	
Nitrobenzene-d5 (S)	%			94	33-120	
Phenol-d6 (S)	%			47	11-120	
Terphenyl-d14 (S)	%			97	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

MATRIX SPIKE SAMPLE:		1484598					
Parameter	Units	60183234003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	51	43.9	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	51	48.7	95	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	51	109	213	30-120	M1, N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	51	57.9J	113	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	51	ND	46	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	51	37.6	74	39-116	
Hexachlorocyclopentadiene	ug/L	ND	102	30.5	30	11-120	
Hexachloroethane	ug/L	ND	51	52.7	103	40-113	
Naphthalene	ug/L	ND	51	65.9	129	45-120	M1
Nitrobenzene	ug/L	ND	51	156	307	38-120	M1
Pentachlorophenol	ug/L	ND	51	58.7	115	43-135	
Phenol	ug/L	ND	51	36.5	72	13-112	
2,4,6-Tribromophenol (S)	%				0	39-120	S4
2-Fluorobiphenyl (S)	%				0	39-120	S4
2-Fluorophenol (S)	%				0	17-120	S4
Nitrobenzene-d5 (S)	%				0	33-120	D3, S4
Phenol-d6 (S)	%				0	11-120	S4
Terphenyl-d14 (S)	%				0	45-120	S4

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch:	WET/51855	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183238001		

METHOD BLANK: 1488069 Matrix: Water
Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/04/14 10:14	

LABORATORY CONTROL SAMPLE: 1488070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.0	100	78-114	

MATRIX SPIKE SAMPLE: 1488071

Parameter	Units	50107588001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	61.8	40.8	107	112	78-114	

SAMPLE DUPLICATE: 1488072

Parameter	Units	50107761001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	82.4	75.7	8	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: WET/51780

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60183238001

METHOD BLANK: 1486149

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/27/14 17:02	

SAMPLE DUPLICATE: 1486150

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	16.0	10	46	10	D6

SAMPLE DUPLICATE: 1486151

Parameter	Units	60183386003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	8.0	6.0	29	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: WET/51744

Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B

Analysis Description: 4500H+B pH

Associated Lab Samples: 60183238001

SAMPLE DUPLICATE: 1485190

Parameter	Units	60183234002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch: WET/51722

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183238001

METHOD BLANK: 1484484

Matrix: Water

Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/29/14 07:52	

LABORATORY CONTROL SAMPLE: 1484485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	ND	0	85-115	L0

SAMPLE DUPLICATE: 1484486

Parameter	Units	60183217002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1680	1620	3	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch:	WETA/32008	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60183238001		

METHOD BLANK: 1486785 Matrix: Water
Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

QC Batch:	WETA/32085	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183238001		

METHOD BLANK: 1490229 Matrix: Water
Associated Lab Samples: 60183238001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/09/14 12:07	

LABORATORY CONTROL SAMPLE: 1490230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	46.3	93	90-110	

MATRIX SPIKE SAMPLE: 1490233

Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	26300	12500	37900	93	90-110	

MATRIX SPIKE SAMPLE: 1490281

Parameter	Units	60183055001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	161	250	395	94	90-110	

SAMPLE DUPLICATE: 1490282

Parameter	Units	60183306001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	12.2	12.6	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- H3 Sample was received or analysis requested beyond the recognized method holding time.
- H6 Analysis initiated outside of the 15 minute EPA recommended holding time.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N2 The lab does not hold TNI accreditation for this parameter.
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-073

Pace Project No.: 60183238

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183238001	T1-073	EPA 200.7	MPRP/29976	EPA 200.7	ICP/22435
60183238001	T1-073	EPA 200.7	MPRP/29961	EPA 200.7	ICP/22425
60183238001	T1-073	EPA 245.1	MERP/9094	EPA 245.1	MERC/9047
60183238001	T1-073	EPA 245.1	MERP/9095	EPA 245.1	MERC/9048
60183238001	T1-073	EPA 625	OEXT/47265	EPA 625	MSSV/15237
60183238001	T1-073	EPA 624 Low	MSV/66024		
60183238002	TRIP BLANK	EPA 624 Low	MSV/66024		
60183238001	T1-073	EPA 1664A	WET/51855		
60183238001	T1-073	SM 2540D	WET/51780		
60183238001	T1-073	SM 4500-H+B	WET/51744		
60183238001	T1-073	SM 5210B	WET/51722	SM 5210B	WET/51806
60183238001	T1-073	EPA 350.1	WETA/32008		
60183238001	T1-073	EPA 410.4	WETA/32085		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183238



Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Exroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PIC

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 18.3

Date and initials of person examining contents: RU/1/24/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>All ice melted in cooler</u>
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>Bob received out of hold</u>
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <u>BPSS PH 4.5</u>
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Added 2.5 ml of HNO3 to BPSS. PH 6.0-4.5</u>
Includes date/time/ID/analyses Matrix: <u>WT</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed <u>PU</u> Lot # of added preservative <u>12513-3290</u>
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Exceptions: <u>VOA</u> , coliform, TOC, <u>O&G</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17. List State: <u>MD</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>10814-3</u>		
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 1/24/14

December 09, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-074
Pace Project No.: 60183236

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183236001	TI-074	Water	11/22/14 14:30	11/24/14 15:05
60183236002	TRIP BLANK	Water	11/22/14 14:30	11/24/14 15:05

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183236001	TI-074	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183236002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Date: December 09, 2014

The sample volume received for volatile analysis for leachate sample T1-074 contained head space presence greater than 6mm. Per historical instructions, the analysis is complete and the presence noted.

Amended report revised 12/9/14 to include the associated quality control data for method EPA 1664 Oil and Grease.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Sample: T1-074	Lab ID: 60183236001	Collected: 11/22/14 14:30	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	11800 ug/L		375	1	12/01/14 10:30	12/01/14 15:39	7429-90-5	
Antimony	ND ug/L		50.0	1	12/01/14 10:30	12/01/14 15:39	7440-36-0	
Arsenic	612 ug/L		50.0	1	12/01/14 10:30	12/01/14 15:39	7440-38-2	
Beryllium	ND ug/L		5.0	1	12/01/14 10:30	12/01/14 15:39	7440-41-7	
Cadmium	ND ug/L		25.0	1	12/01/14 10:30	12/01/14 15:39	7440-43-9	
Chromium	157 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:39	7440-47-3	
Cobalt	ND ug/L		25.0	1	12/01/14 10:30	12/01/14 15:39	7440-48-4	
Copper	568 ug/L		50.0	1	12/01/14 10:30	12/01/14 15:39	7440-50-8	
Iron	352000 ug/L		250	1	12/01/14 10:30	12/01/14 15:39	7439-89-6	M1
Lead	67.2 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:39	7439-92-1	
Nickel	82.8 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:39	7440-02-0	
Selenium	ND ug/L		75.0	1	12/01/14 10:30	12/01/14 15:39	7782-49-2	
Silver	ND ug/L		35.0	1	12/01/14 10:30	12/01/14 15:39	7440-22-4	
Thallium	ND ug/L		100	1	12/01/14 10:30	12/01/14 15:39	7440-28-0	
Zinc	3070 ug/L		250	1	12/01/14 10:30	12/01/14 15:39	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	11/26/14 11:20	11/26/14 16:51	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	11/26/14 11:20	11/26/14 16:51	7440-36-0	
Arsenic, Dissolved	422 ug/L		50.0	1	11/26/14 11:20	11/26/14 16:51	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	11/26/14 11:20	11/26/14 16:51	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 16:51	7440-43-9	
Chromium, Dissolved	75.0 ug/L		25.0	1	11/26/14 11:20	11/26/14 16:51	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 16:51	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	11/26/14 11:20	11/26/14 16:51	7440-50-8	
Iron, Dissolved	40300 ug/L		250	1	11/26/14 11:20	11/26/14 16:51	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	11/26/14 11:20	11/26/14 16:51	7439-92-1	
Nickel, Dissolved	56.8 ug/L		25.0	1	11/26/14 11:20	11/26/14 16:51	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	11/26/14 11:20	11/26/14 16:51	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	11/26/14 11:20	11/26/14 16:51	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	11/26/14 11:20	11/26/14 16:51	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	11/26/14 11:20	11/26/14 16:51	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	11/26/14 09:40	11/26/14 12:36	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		6.0	1	11/26/14 09:40	11/26/14 13:11	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/25/14 00:00	11/26/14 12:55	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/25/14 00:00	11/26/14 12:55	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	4130 ug/L		2000	1	11/25/14 00:00	11/26/14 12:55		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Sample: T1-074	Lab ID: 60183236001	Collected: 11/22/14 14:30	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	87-86-5	
Phenol	7850 ug/L		500	1	11/25/14 00:00	11/26/14 12:55	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/25/14 00:00	11/26/14 12:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	118 %		33-120	1	11/25/14 00:00	11/26/14 12:55	4165-60-0	
2-Fluorobiphenyl (S)	92 %		39-120	1	11/25/14 00:00	11/26/14 12:55	321-60-8	
Terphenyl-d14 (S)	100 %		45-120	1	11/25/14 00:00	11/26/14 12:55	1718-51-0	
Phenol-d6 (S)	49 %		11-120	1	11/25/14 00:00	11/26/14 12:55	13127-88-3	
2-Fluorophenol (S)	78 %		17-120	1	11/25/14 00:00	11/26/14 12:55	367-12-4	
2,4,6-Tribromophenol (S)	111 %		39-120	1	11/25/14 00:00	11/26/14 12:55	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	102000 ug/L		2500	250		11/26/14 17:20	67-64-1	HS, N2
Benzene	ND ug/L		100	100		11/26/14 07:34	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/26/14 07:34	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 07:34	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 07:34	74-83-9	
2-Butanone (MEK)	47500 ug/L		1000	100		11/26/14 07:34	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 07:34	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 07:34	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 07:34	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/26/14 07:34	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 07:34	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 07:34	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 07:34	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 07:34	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 07:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 07:34	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 07:34	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 07:34	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 07:34	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 07:34	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 07:34	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 07:34	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 07:34	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 07:34	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/26/14 07:34	460-00-4	HS
Toluene-d8 (S)	99 %		80-120	100		11/26/14 07:34	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/26/14 07:34	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 07:34		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	323 mg/L		5.0	1		11/25/14 10:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Sample: T1-074		Lab ID: 60183236001	Collected: 11/22/14 14:30	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	11100	mg/L	5.0	1		11/28/14 13:26		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/25/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	9680	mg/L	2.0	1	11/24/14 17:54	11/29/14 08:23		H3,L2
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	90.8	mg/L	5.0	50		12/02/14 11:08	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	23100	mg/L	2500	250		12/02/14 07:02		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Sample: TRIP BLANK		Lab ID: 60183236002	Collected: 11/22/14 14:30	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/26/14 04:37	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/26/14 04:37	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/26/14 04:37	75-27-4	
Bromoform	ND ug/L		1.0	1		11/26/14 04:37	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/26/14 04:37	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/26/14 04:37	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/26/14 04:37	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/26/14 04:37	75-00-3	
Chloroform	ND ug/L		1.0	1		11/26/14 04:37	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/26/14 04:37	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/26/14 04:37	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 04:37	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 04:37	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/26/14 04:37	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/26/14 04:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/26/14 04:37	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/26/14 04:37	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/26/14 04:37	127-18-4	
Toluene	ND ug/L		1.0	1		11/26/14 04:37	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/26/14 04:37	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/26/14 04:37	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/26/14 04:37	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/26/14 04:37	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/26/14 04:37	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	1		11/26/14 04:37	460-00-4	
Toluene-d8 (S)	101 %		80-120	1		11/26/14 04:37	2037-26-5	
1,2-Dichloroethane-d4 (S)	105 %		80-120	1		11/26/14 04:37	17060-07-0	
Preservation pH	7.0			1		11/26/14 04:37		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: MERP/9094

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183236001

METHOD BLANK: 1485028

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/26/14 12:27	

LABORATORY CONTROL SAMPLE: 1485029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485030 1485031

Parameter	Units	60183236001		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury	ug/L	ND	150	150	84.6	78.0	52	48	70-130	8	20	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: MERP/9095

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183236001

METHOD BLANK: 1485032

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/26/14 12:58	

LABORATORY CONTROL SAMPLE: 1485033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485034 1485035

Parameter	Units	60182816001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	ND	Spike Conc.	Conc.	Result	Result	% Rec	% Rec						
Mercury, Dissolved	ug/L	ND	150	150	70.8	70.8	47	47	70-130	0	20	M1			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: MPRP/29976

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183236001

METHOD BLANK: 1485901

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/01/14 15:37	
Antimony	ug/L	ND	10.0	12/01/14 15:37	
Arsenic	ug/L	ND	10.0	12/01/14 15:37	
Beryllium	ug/L	ND	1.0	12/01/14 15:37	
Cadmium	ug/L	ND	5.0	12/01/14 15:37	
Chromium	ug/L	ND	5.0	12/01/14 15:37	
Cobalt	ug/L	ND	5.0	12/01/14 15:37	
Copper	ug/L	ND	10.0	12/01/14 15:37	
Iron	ug/L	ND	50.0	12/01/14 15:37	
Lead	ug/L	ND	5.0	12/01/14 15:37	
Nickel	ug/L	ND	5.0	12/01/14 15:37	
Selenium	ug/L	ND	15.0	12/01/14 15:37	
Silver	ug/L	ND	7.0	12/01/14 15:37	
Thallium	ug/L	ND	20.0	12/01/14 15:37	
Zinc	ug/L	ND	50.0	12/01/14 15:37	

LABORATORY CONTROL SAMPLE: 1485902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9960	100	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	965	97	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9550	96	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	976	98	85-115	
Silver	ug/L	500	507	101	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1485903		1485904								
Parameter	Units	60183236001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	11800	50000	50000	65000	64100	106	105	70-130	1	20		
Antimony	ug/L	ND	5000	5000	5460	5420	109	108	70-130	1	20		
Arsenic	ug/L	612	5000	5000	5980	5900	107	106	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4780	4780	96	96	70-130	0	20		
Cadmium	ug/L	ND	5000	5000	5240	5200	105	104	70-130	1	20		
Chromium	ug/L	157	5000	5000	5100	5070	99	98	70-130	1	20		
Cobalt	ug/L	ND	5000	5000	4960	4950	99	98	70-130	0	20		
Copper	ug/L	568	5000	5000	5980	5920	108	107	70-130	1	20		
Iron	ug/L	352000	50000	50000	398000	379000	92	54	70-130	5	20	M1	
Lead	ug/L	67.2	5000	5000	4930	4900	97	97	70-130	0	20		
Nickel	ug/L	82.8	5000	5000	5050	5030	99	99	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5500	5420	109	107	70-130	2	20		
Silver	ug/L	ND	2500	2500	2690	2670	108	107	70-130	1	20		
Thallium	ug/L	ND	5000	5000	4500	4510	90	90	70-130	0	20		
Zinc	ug/L	3070	5000	5000	7860	7680	96	92	70-130	2	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: MPRP/29961

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183236001

METHOD BLANK: 1485376

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/26/14 16:47	
Antimony, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Arsenic, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Beryllium, Dissolved	ug/L	ND	1.0	11/26/14 16:47	
Cadmium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Chromium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Cobalt, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Copper, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Iron, Dissolved	ug/L	ND	50.0	11/26/14 16:47	
Lead, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Nickel, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Selenium, Dissolved	ug/L	ND	15.0	11/26/14 16:47	
Silver, Dissolved	ug/L	ND	7.0	11/26/14 16:47	
Thallium, Dissolved	ug/L	ND	20.0	11/26/14 16:47	
Zinc, Dissolved	ug/L	ND	50.0	11/26/14 16:47	

LABORATORY CONTROL SAMPLE: 1485377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	1060	106	85-115	
Arsenic, Dissolved	ug/L	1000	1020	102	85-115	
Beryllium, Dissolved	ug/L	1000	969	97	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	974	97	85-115	
Cobalt, Dissolved	ug/L	1000	1060	106	85-115	
Copper, Dissolved	ug/L	1000	1040	104	85-115	
Iron, Dissolved	ug/L	10000	9760	98	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1020	102	85-115	
Silver, Dissolved	ug/L	500	504	101	85-115	
Thallium, Dissolved	ug/L	1000	1060	106	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1485378		1485379									
Parameter	Units	60183236001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum, Dissolved	ug/L	ND	50000	50000	49700	49300	99	98	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5380	109	107	70-130	2	20		
Arsenic, Dissolved	ug/L	422	5000	5000	5830	5710	108	106	70-130	2	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	4750	4690	95	94	70-130	1	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5300	5220	106	104	70-130	2	20		
Chromium, Dissolved	ug/L	75.0	5000	5000	5000	4940	98	97	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	5210	5140	104	103	70-130	1	20		
Copper, Dissolved	ug/L	ND	5000	5000	5470	5420	109	108	70-130	1	20		
Iron, Dissolved	ug/L	40300	50000	50000	89100	88000	98	96	70-130	1	20		
Lead, Dissolved	ug/L	ND	5000	5000	4800	4740	96	95	70-130	1	20		
Nickel, Dissolved	ug/L	56.8	5000	5000	5090	5020	101	99	70-130	1	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5340	5240	107	105	70-130	2	20		
Silver, Dissolved	ug/L	ND	2500	2500	2520	2560	101	102	70-130	2	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4680	4630	94	93	70-130	1	20		
Zinc, Dissolved	ug/L	ND	5000	5000	5070	5010	98	97	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: MSV/66024 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183236001, 60183236002

METHOD BLANK: 1484785 Matrix: Water

Associated Lab Samples: 60183236001, 60183236002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/26/14 03:16	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,2-Dichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/26/14 03:16	
2-Butanone (MEK)	ug/L	ND	10.0	11/26/14 03:16	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/26/14 03:16	N2
Acetone	ug/L	ND	10.0	11/26/14 03:16	N2
Benzene	ug/L	ND	1.0	11/26/14 03:16	
Bromodichloromethane	ug/L	ND	1.0	11/26/14 03:16	
Bromoform	ug/L	ND	1.0	11/26/14 03:16	
Bromomethane	ug/L	ND	5.0	11/26/14 03:16	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 03:16	
Chloroethane	ug/L	ND	1.0	11/26/14 03:16	
Chloroform	ug/L	ND	1.0	11/26/14 03:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	N2
Ethylbenzene	ug/L	ND	1.0	11/26/14 03:16	
Methylene chloride	ug/L	ND	1.0	11/26/14 03:16	
Tetrachloroethene	ug/L	ND	1.0	11/26/14 03:16	
Toluene	ug/L	ND	1.0	11/26/14 03:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Trichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Vinyl chloride	ug/L	ND	1.0	11/26/14 03:16	
Xylene (Total)	ug/L	ND	3.0	11/26/14 03:16	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/26/14 03:16	
4-Bromofluorobenzene (S)	%	96	80-120	11/26/14 03:16	
Toluene-d8 (S)	%	100	80-120	11/26/14 03:16	

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.8	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	17.8	89	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.3	102	70-126	
1,4-Dichlorobenzene	ug/L	20	20.2	101	74-120	
2-Butanone (MEK)	ug/L	100	89.4	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.6	99	59-131	N2
Acetone	ug/L	100	105	105	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	103	68-125	
Bromoform	ug/L	20	20.0	100	65-127	
Bromomethane	ug/L	20	20.1	100	13-157	
Carbon tetrachloride	ug/L	20	19.4	97	70-131	
Chloroethane	ug/L	20	18.8	94	47-133	
Chloroform	ug/L	20	19.9	99	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	68-127	N2
Ethylbenzene	ug/L	20	19.5	97	74-122	
Methylene chloride	ug/L	20	20.5	102	64-129	
Tetrachloroethene	ug/L	20	18.8	94	73-125	
Toluene	ug/L	20	19.6	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	20.9	104	71-123	
Vinyl chloride	ug/L	20	19.4	97	43-129	
Xylene (Total)	ug/L	60	59.3	99	75-121	N2
1,2-Dichloroethane-d4 (S)	%			105	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1484787

Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L		ND	2000	2220	111	52-155
1,1,2,2-Tetrachloroethane	ug/L		ND	2000	2160	108	46-146 N2
1,1,2-Trichloroethane	ug/L		ND	2000	2160	108	52-143
1,2-Dichloroethane	ug/L		ND	2000	2130	107	49-144
1,4-Dichlorobenzene	ug/L		170	2000	2350	109	33-140
2-Butanone (MEK)	ug/L	33200	10000	42800	96	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L		ND	10000	11200	104	40-160 N2
Acetone	ug/L	63500	10000	72000	85	10-160	N2
Benzene	ug/L		ND	2000	2040	102	37-151
Bromodichloromethane	ug/L		ND	2000	2160	108	35-142
Bromoform	ug/L		ND	2000	2140	107	45-142
Bromomethane	ug/L		ND	2000	1980	99	10-158
Carbon tetrachloride	ug/L		ND	2000	2240	112	70-140
Chloroethane	ug/L		ND	2000	1950	97	19-152
Chloroform	ug/L		ND	2000	2100	105	51-138
cis-1,2-Dichloroethene	ug/L		ND	2000	1940	97	34-147 N2
Ethylbenzene	ug/L		ND	2000	2150	108	40-142
Methylene chloride	ug/L		ND	2000	2130	105	31-144
Tetrachloroethene	ug/L		ND	2000	2030	102	64-148
Toluene	ug/L		ND	2000	2120	106	47-150
trans-1,2-Dichloroethene	ug/L		ND	2000	2160	108	54-151
Trichloroethene	ug/L		ND	2000	2090	104	71-149
Vinyl chloride	ug/L		ND	2000	1980	99	22-146

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

MATRIX SPIKE SAMPLE:		1484787					
Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6590	110	37-144	N2
1,2-Dichloroethane-d4 (S)	%				103	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch:	MSV/66048	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60183236001		

METHOD BLANK: 1485444 Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	11/26/14 17:04	N2
1,2-Dichloroethane-d4 (S)	%	103	80-120	11/26/14 17:04	
4-Bromofluorobenzene (S)	%	98	80-120	11/26/14 17:04	
Toluene-d8 (S)	%	100	80-120	11/26/14 17:04	

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	100	100	38-134	N2
1,2-Dichloroethane-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1485446

Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	77800	100	1050	-101439	10-160	M1,N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				99	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: OEXT/47265 Analysis Method: EPA 625
 QC Batch Method: EPA 625 Analysis Description: 625 MSS
 Associated Lab Samples: 60183236001

METHOD BLANK: 1484596 Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/26/14 12:13	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/26/14 12:13	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/26/14 12:13	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/26/14 12:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachloroethane	ug/L	ND	5.0	11/26/14 12:13	
Naphthalene	ug/L	ND	5.0	11/26/14 12:13	
Nitrobenzene	ug/L	ND	5.0	11/26/14 12:13	
Pentachlorophenol	ug/L	ND	5.0	11/26/14 12:13	
Phenol	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Tribromophenol (S)	%	94	39-120	11/26/14 12:13	
2-Fluorobiphenyl (S)	%	94	39-120	11/26/14 12:13	
2-Fluorophenol (S)	%	66	17-120	11/26/14 12:13	
Nitrobenzene-d5 (S)	%	96	33-120	11/26/14 12:13	
Phenol-d6 (S)	%	49	11-120	11/26/14 12:13	
Terphenyl-d14 (S)	%	103	45-120	11/26/14 12:13	

LABORATORY CONTROL SAMPLE: 1484597

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.2	80	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.2	88	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	40.5	81	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.1	72	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.5	109	40-133	
Hexachloro-1,3-butadiene	ug/L	50	36.2	72	44-116	
Hexachlorocyclopentadiene	ug/L	100	42.2	42	24-120	
Hexachloroethane	ug/L	50	35.6	71	43-113	
Naphthalene	ug/L	50	41.5	83	48-120	
Nitrobenzene	ug/L	50	45.7	91	48-120	
Pentachlorophenol	ug/L	50	47.6	95	47-120	
Phenol	ug/L	50	23.1	46	16-112	
2,4,6-Tribromophenol (S)	%			97	39-120	
2-Fluorobiphenyl (S)	%			89	39-120	
2-Fluorophenol (S)	%			59	17-120	
Nitrobenzene-d5 (S)	%			94	33-120	
Phenol-d6 (S)	%			47	11-120	
Terphenyl-d14 (S)	%			97	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

MATRIX SPIKE SAMPLE:		1484598		60183234003		Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits	Qualifiers	
1,2,4-Trichlorobenzene	ug/L	ND	51	43.9	86			44-120		
2,4,6-Trichlorophenol	ug/L	ND	51	48.7	95			50-120		
2-Methylphenol(o-Cresol)	ug/L	ND	51	109	213			30-120	M1,N2	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	51	57.9J	113			27-120	N2	
4,6-Dinitro-2-methylphenol	ug/L	ND	51	ND	46			10-160		
Hexachloro-1,3-butadiene	ug/L	ND	51	37.6	74			39-116		
Hexachlorocyclopentadiene	ug/L	ND	102	30.5	30			11-120		
Hexachloroethane	ug/L	ND	51	52.7	103			40-113		
Naphthalene	ug/L	ND	51	65.9	129			45-120	M1	
Nitrobenzene	ug/L	ND	51	156	307			38-120	M1	
Pentachlorophenol	ug/L	ND	51	58.7	115			43-135		
Phenol	ug/L	ND	51	36.5	72			13-112		
2,4,6-Tribromophenol (S)	%				0			39-120	S4	
2-Fluorobiphenyl (S)	%				0			39-120	S4	
2-Fluorophenol (S)	%				0			17-120	S4	
Nitrobenzene-d5 (S)	%				0			33-120	D3,S4	
Phenol-d6 (S)	%				0			11-120	S4	
Terphenyl-d14 (S)	%				0			45-120	S4	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch:	WET/51725	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183236001		

METHOD BLANK: 1484601 Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/25/14 10:37	

LABORATORY CONTROL SAMPLE: 1484602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.0	100	78-114	

MATRIX SPIKE SAMPLE: 1484603

Parameter	Units	60182959001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	43.5	43.4	99	78-114	

SAMPLE DUPLICATE: 1484604

Parameter	Units	60182959002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	ND		18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch:	WET/51787	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60183236001		

METHOD BLANK: 1486223 Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/28/14 13:24	

SAMPLE DUPLICATE: 1486224

Parameter	Units	60183040001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	53.0	51.0	4	10	

SAMPLE DUPLICATE: 1486225

Parameter	Units	60183216001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	304	320	5	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: WET/51744 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183236001

SAMPLE DUPLICATE: 1485190

Parameter	Units	60183234002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: WET/51722

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183236001

METHOD BLANK: 1484484

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/29/14 07:52	

LABORATORY CONTROL SAMPLE: 1484485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	ND	0	85-115 L0	

SAMPLE DUPLICATE: 1484486

Parameter	Units	60183217002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1680	1620	3	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch: WETA/32006

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183236001

METHOD BLANK: 1486764

Matrix: Water

Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 10:35	

LABORATORY CONTROL SAMPLE: 1486765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486766

Parameter	Units	60183033001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.1	55	90-110	M1

MATRIX SPIKE SAMPLE: 1486767

Parameter	Units	60183033002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.11	2	1.5	72	90-110	M1

SAMPLE DUPLICATE: 1486768

Parameter	Units	60183053001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

QC Batch:	WETA/31991	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183236001		

METHOD BLANK: 1486230 Matrix: Water
Associated Lab Samples: 60183236001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/02/14 06:57	

LABORATORY CONTROL SAMPLE: 1486231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	46.8	94	90-110	

MATRIX SPIKE SAMPLE: 1486232

Parameter	Units	60182780003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	4830	2500	6960	85	90-110	M1

MATRIX SPIKE SAMPLE: 1486234

Parameter	Units	60182829001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	710	250	995	114	90-110	M1

SAMPLE DUPLICATE: 1486233

Parameter	Units	60182883001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	1910	1950	2	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/66048

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

H3 Sample was received or analysis requested beyond the recognized method holding time.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-074

Pace Project No.: 60183236

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183236001	TI-074	EPA 200.7	MPRP/29976	EPA 200.7	ICP/22435
60183236001	TI-074	EPA 200.7	MPRP/29961	EPA 200.7	ICP/22425
60183236001	TI-074	EPA 245.1	MERP/9094	EPA 245.1	MERC/9047
60183236001	TI-074	EPA 245.1	MERP/9095	EPA 245.1	MERC/9048
60183236001	TI-074	EPA 625	OEXT/47265	EPA 625	MSSV/15237
60183236001	TI-074	EPA 624 Low	MSV/66024		
60183236001	TI-074	EPA 624 Low	MSV/66048		
60183236002	TRIP BLANK	EPA 624 Low	MSV/66024		
60183236001	TI-074	EPA 1664A	WET/51725		
60183236001	TI-074	SM 2540D	WET/51787		
60183236001	TI-074	SM 4500-H+B	WET/51744		
60183236001	TI-074	SM 5210B	WET/51722	SM 5210B	WET/51806
60183236001	TI-074	EPA 350.1	WETA/32006		
60183236001	TI-074	EPA 410.4	WETA/31991		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183236
Barcode: 60183236

Client Name: Barr

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other [X] road

Tracking #: Pace Shipping Label Used? Yes [] No [X]

Custody Seal on Cooler/Box Present: Yes [X] No [] Seals intact: Yes [X] No []

Packing Material: Bubble Wrap [] Bubble Bags [] Foam [] None [] Other [X] ZPIC

Thermometer Used: T-239 T-194 Type of Ice: Wet [X] Blue [] None [] Samples received on ice, cooling process has begun.

Cooler Temperature: 4.1

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents:

Table with 17 rows of inspection items and checkboxes. Includes items like 'Chain of Custody present', 'Samples arrived within holding time', 'Short Hold Time analyses', 'Rush Turn Around Time requested', 'Sufficient volume', 'Correct containers used', 'Pace containers used', 'Containers intact', 'Unpreserved 5035A soils frozen w/in 48hrs?', 'Filtered volume received for dissolved tests?', 'Sample labels match COC', 'Includes date/time/ID/analyses Matrix: WT', 'All containers needing preservation have been checked.', 'All containers needing preservation are found to be in compliance with EPA recommendation.', 'Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics', 'Trip Blank present', 'Pace Trip Blank lot # (if purchased): 101314-3', 'Headspace in VOA vials (>6mm)', 'Project sampled in USDA Regulated Area:'. Handwritten notes include 'BOD received out of hold', 'BOD pH', 'BPIS PH 4.5', 'Added 2.5 ml of Hm3 to BP3N. Pit 60/3-0', 'Initial when completed PV', 'Lot # of added preservative 12513-37.20', '506 5 Dhan have head space.', '-COMMENT APPLIED', 'List State: MD'.

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date:



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

- B** = Analyte is found in the associated blank as well as in the sample.
- D** = Compound identified in an analysis at a secondary dilution factor.
- E** = Compound's concentration exceeds the calibration range of the instrument at this dilution.
- X** = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
- J** = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
- M** = Matrix assessment, QC analyses parameter exceeded control limits.
- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
NAL13026-1753	T1-074	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-69-4	Trichlorofluoromethane		UX-	ug/L	25	0.98	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-35-4	1,1-Dichloroethane		U	ug/L	5	2.36	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 67-64-1	Acetone	52000	D	ug/L	5000	778.04	11/22/2014	11/22/2014	11/22/2014	WG	500	NA	5.0	NA	SW8260B	NALD5393				
NAL13026-1753	T1-074	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 78-93-3	2-Butanone	20000	D	ug/L	5000	405.90	11/22/2014	11/22/2014	11/22/2014	WG	500	NA	5.0	NA	SW8260B	NALD5393				
NAL13026-1753	T1-074	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 71-43-2	Benzene		U	ug/L	5	0.68	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 108-10-1	4-Methyl-2-pentanone	610		ug/L	25	3.70	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 591-78-6	2-Hexanone	440		ug/L	25	3.45	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 100-41-4	Ethylbenzene	1.7	J	ug/L	5	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 108-90-7	Chlorobenzene	2.8	J	ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG XYLMP	p&m-Xylene	3.9	J	ug/L	10	1.31	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 95-47-6	o-Xylene	3.8	J	ug/L	5	0.64	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 100-42-5	Styrene	1.1	J	ug/L	5	1.01	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				



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NAL13026-1753	T1-074	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 95-63-6	1,2,4-Trimethylbenzene	30		ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 99-87-6	p-Isopropyltoluene	150		ug/L	10	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 106-46-7	1,4-Dichlorobenzene	79		ug/L	10	1.65	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 95-50-1	1,2-Dichlorobenzene	2.5	J	ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 104-51-8	n-Butylbenzene	7.3	J	ug/L	25	1.39	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 120-82-1	1,2,4-Trichlorobenzene	6.1	J	ug/L	25	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 91-20-3	Naphthalene	650		ug/L	25	2.80	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	ORG 87-61-6	1,2,3-Trichlorobenzene	3.4	J	ug/L	25	1.16	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394				
NAL13026-1753	T1-074	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394	50	98%		
NAL13026-1753	T1-074	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394	50	98%		
NAL13026-1753	T1-074	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394	50	96%		
NAL13026-1753	T1-074	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5394	50	108%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1754	316K 11-20-14	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	500	29.28	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 74-87-3	Chloromethane		U	ug/L	500	43.07	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-01-4	Vinyl chloride		U	ug/L	200	31.86	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 74-83-9	Bromomethane		U	ug/L	500	50.04	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-00-3	Chloroethane		U	ug/L	500	55.61	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-69-4	Trichlorofluoromethane		UX-	ug/L	500	19.65	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	100	47.11	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-09-2	Methylene chloride		U	ug/L	500	26.46	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 67-64-1	Acetone	130000	D	ug/L	10000	1556.07	11/22/2014	11/22/2014	11/22/2014	WG	1000	NA	5.0	NA	SW8260B	NALD5401				
NAL13026-1754	316K 11-20-14	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	100	55.61	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 1634-04-4	MTBE		U	ug/L	500	61.18	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	100	52.66	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	100	32.11	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 74-97-5	Bromochloromethane		U	ug/L	200	41.37	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 67-66-3	Chloroform		U	ug/L	100	15.73	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	100	16.65	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 78-93-3	2-Butanone	23000	D	ug/L	10000	811.80	11/22/2014	11/22/2014	11/22/2014	WG	1000	NA	5.0	NA	SW8260B	NALD5401				
NAL13026-1754	316K 11-20-14	ORG 56-23-5	Carbon tetrachloride		U	ug/L	100	27.64	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 71-43-2	Benzene	84	J	ug/L	100	13.53	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	100	20.01	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 79-01-6	Trichloroethene		U	ug/L	100	36.33	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 74-95-3	Dibromomethane		U	ug/L	200	32.20	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	100	18.17	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-27-4	Bromodichloromethane		U	ug/L	200	11.58	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	100	25.01	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 108-88-3	Toluene	40	J	ug/L	100	20.96	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 108-10-1	4-Methyl-2-pentanone	1200		ug/L	500	74.00	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	100	31.15	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 127-18-4	Tetrachloroethene		U	ug/L	100	48.56	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	100	34.28	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 124-48-1	Dibromochloromethane		U	ug/L	200	29.90	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	200	26.49	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 591-78-6	2-Hexanone	3200		ug/L	500	68.90	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 100-41-4	Ethylbenzene	67	J	ug/L	100	25.38	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 108-90-7	Chlorobenzene		U	ug/L	100	27.52	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	200	19.28	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG XYLMP	p&m-Xylene	150	J	ug/L	200	26.14	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 95-47-6	o-Xylene	110		ug/L	100	12.90	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 100-42-5	Styrene		U	ug/L	100	20.23	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 75-25-2	Bromoform		U	ug/L	200	46.83	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 98-82-8	Isopropylbenzene		U	ug/L	200	20.48	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 103-65-1	n-Propylbenzene		U	ug/L	200	27.00	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	200	29.16	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	200	29.47	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				



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NAL13026-1754	316K 11-20-14	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	200	20.03	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 98-06-6	tert-Butylbenzene		U	ug/L	200	32.61	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 95-63-6	1,2,4-Trimethylbenzene	450		ug/L	200	20.03	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 135-98-8	sec-Butylbenzene		U	ug/L	200	32.34	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	200	22.21	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 99-87-6	p-Isopropyltoluene	2300		ug/L	200	25.48	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 106-46-7	1,4-Dichlorobenzene	770		ug/L	200	33.03	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	200	26.38	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 104-51-8	n-Butylbenzene	63		ug/L	500	27.81	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	500	159.11	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	500	65.42	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	500	27.63	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 91-20-3	Naphthalene	1800		ug/L	500	56.04	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	500	23.28	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402				
NAL13026-1754	316K 11-20-14	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402	50	100%		
NAL13026-1754	316K 11-20-14	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402	50	100%		
NAL13026-1754	316K 11-20-14	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402	50	98%		
NAL13026-1754	316K 11-20-14	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5402	50	108%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1755	97K 11-20-14	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 74-87-3	Chloromethane		U	ug/L	5	0.43	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-01-4	Vinyl chloride		U	ug/L	2	0.32	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 74-83-9	Bromomethane		U	ug/L	5	0.50	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-00-3	Chloroethane		U	ug/L	5	0.56	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-69-4	Trichlorofluoromethane		UX-	ug/L	5	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-09-2	Methylene chloride		U	ug/L	5	0.26	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 67-64-1	Acetone	7000	D	ug/L	1000	155.61	11/22/2014	11/22/2014	11/22/2014	WG	100	NA	5.0	NA	SW8260B	NALD5406				
NAL13026-1755	97K 11-20-14	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 1634-04-4	MTBE		U	ug/L	5	0.61	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 74-97-5	Bromochloromethane		U	ug/L	2	0.41	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 67-66-3	Chloroform	0.88	J	ug/L	1	0.16	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 78-93-3	2-Butanone	2100	DE	ug/L	100	8.12	11/22/2014	11/22/2014	11/22/2014	WG	10	NA	5.0	NA	SW8260B	NALD5407				
NAL13026-1755	97K 11-20-14	ORG 56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 71-43-2	Benzene	1.5		ug/L	1	0.14	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 79-01-6	Trichloroethene		U	ug/L	1	0.36	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 74-95-3	Dibromomethane		U	ug/L	2	0.32	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-27-4	Bromodichloromethane		U	ug/L	2	0.12	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 108-88-3	Toluene	0.87	J	ug/L	1	0.21	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 108-10-1	4-Methyl-2-pentanone	200	D	ug/L	50	7.40	11/22/2014	11/22/2014	11/22/2014	WG	10	NA	5.0	NA	SW8260B	NALD5407				
NAL13026-1755	97K 11-20-14	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 127-18-4	Tetrachloroethene		U	ug/L	1	0.49	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 124-48-1	Dibromochloromethane		U	ug/L	2	0.30	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 591-78-6	2-Hexanone	32		ug/L	5	0.69	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 100-41-4	Ethylbenzene	2.7		ug/L	1	0.25	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 108-90-7	Chlorobenzene	0.53	J	ug/L	1	0.28	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG XYLMP	p&w-Xylene	7.4		ug/L	2	0.26	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 95-47-6	o-Xylene	7.4		ug/L	1	0.13	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 100-42-5	Styrene	0.55	J	ug/L	1	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 75-25-2	Bromoform		U	ug/L	2	0.47	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 98-82-8	Isopropylbenzene		U	ug/L	2	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 103-65-1	n-Propylbenzene		U	ug/L	2	0.27	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				



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NAL13026-1755	97K 11-20-14	ORG 108-67-8	1,3,5-Trimethylbenzene	3.2		ug/L	2	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 95-63-6	1,2,4-Trimethylbenzene	25		ug/L	2	0.20	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 541-73-1	1,3-Dichlorobenzene	0.46	J	ug/L	2	0.22	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 99-87-6	p-Isopropyltoluene	27		ug/L	2	0.25	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 106-46-7	1,4-Dichlorobenzene	76		ug/L	2	0.33	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 95-50-1	1,2-Dichlorobenzene	1.3	J	ug/L	2	0.26	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 104-51-8	n-Butylbenzene	0.56	J	ug/L	5	0.28	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 120-82-1	1,2,4-Trichlorobenzene	0.94	J	ug/L	5	0.28	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 91-20-3	Naphthalene	19		ug/L	5	0.56	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	ORG 87-61-6	1,2,3-Trichlorobenzene	0.39	J	ug/L	5	0.23	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408				
NAL13026-1755	97K 11-20-14	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408	50	100%		
NAL13026-1755	97K 11-20-14	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408	50	94%		
NAL13026-1755	97K 11-20-14	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408	50	98%		
NAL13026-1755	97K 11-20-14	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	1	NA	5.0	NA	SW8260B	NALD5408	50	104%		



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D112214CCVA	D112214CCVA	ORG 75-71-8	Dichlorodifluoromethane	58		ug/L	5	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	116%		
D112214CCVA	D112214CCVA	ORG 74-87-3	Chloromethane	49		ug/L	5	0.43	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	98%		
D112214CCVA	D112214CCVA	ORG 75-01-4	Vinyl chloride	54		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 74-83-9	Bromomethane	62		ug/L	5	0.50	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	124%		
D112214CCVA	D112214CCVA	ORG 75-00-3	Chloroethane	54		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 75-69-4	Trichlorofluoromethane	33		ug/L	5	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	66%		
D112214CCVA	D112214CCVA	ORG 75-35-4	1,1-Dichloroethene	47		ug/L	1	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	94%		
D112214CCVA	D112214CCVA	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	96%		
D112214CCVA	D112214CCVA	ORG 67-64-1	Acetone	53		ug/L	10	1.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	96%		
D112214CCVA	D112214CCVA	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 78-93-3	2-Butanone	42		ug/L	1	0.81	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	84%		
D112214CCVA	D112214CCVA	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	116%		
D112214CCVA	D112214CCVA	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	98%		
D112214CCVA	D112214CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	110%		
D112214CCVA	D112214CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 127-18-4	Tetrachloroethene	40		ug/L	1	0.49	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	80%		
D112214CCVA	D112214CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	98%		
D112214CCVA	D112214CCVA	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	102%		
D112214CCVA	D112214CCVA	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	112%		
D112214CCVA	D112214CCVA	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	100%		
D112214CCVA	D112214CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	110%		
D112214CCVA	D112214CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	100	110%		
D112214CCVA	D112214CCVA	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	116%		
D112214CCVA	D112214CCVA	ORG 100-42-5	Styrene	58		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	116%		
D112214CCVA	D112214CCVA	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	96%		
D112214CCVA	D112214CCVA	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	110%		
D112214CCVA	D112214CCVA	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	112%		
D112214CCVA	D112214CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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- M** = Matrix assessment, QC analyses parameter exceeded control limits.
- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112214CCVA	D112214CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	112%		
D112214CCVA	D112214CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	110%		
D112214CCVA	D112214CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	104%		
D112214CCVA	D112214CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	108%		
D112214CCVA	D112214CCVA	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	114%		
D112214CCVA	D112214CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	106%		
D112214CCVA	D112214CCVA	ORG 87-68-3	Hexachlorobutadiene	59		ug/L	5	0.65	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	118%		
D112214CCVA	D112214CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	112%		
D112214CCVA	D112214CCVA	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	116%		
D112214CCVA	D112214CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	110%		
D112214CCVA	D112214CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	102%		
D112214CCVA	D112214CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	94%		
D112214CCVA	D112214CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	98%		
D112214CCVA	D112214CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5391	50	102%		

FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D112214MBKA	D112214MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					
D112214MBKA	D112214MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U	ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392					



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D112214MBKA	D112214MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392				
D112214MBKA	D112214MBKA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392	50	100%		
D112214MBKA	D112214MBKA	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392	50	100%		
D112214MBKA	D112214MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392	50	104%		
D112214MBKA	D112214MBKA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5392	50	104%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112214ALCS	D112214ALCS	ORG 75-71-8	Dichlorodifluoromethane	58		ug/L	5	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	116%		
D112214ALCS	D112214ALCS	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	112%		
D112214ALCS	D112214ALCS	ORG 74-83-9	Bromomethane	58		ug/L	5	0.50	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	116%		
D112214ALCS	D112214ALCS	ORG 75-00-3	Chloroethane	51		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	102%		
D112214ALCS	D112214ALCS	ORG 75-69-4	Trichlorofluoromethane	46		ug/L	5	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	92%		
D112214ALCS	D112214ALCS	ORG 75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	92%		
D112214ALCS	D112214ALCS	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 67-64-1	Acetone	57		ug/L	10	1.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	114%		
D112214ALCS	D112214ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	102%		
D112214ALCS	D112214ALCS	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	98%		
D112214ALCS	D112214ALCS	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	104%		
D112214ALCS	D112214ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	110%		
D112214ALCS	D112214ALCS	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	106%		
D112214ALCS	D112214ALCS	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	104%		
D112214ALCS	D112214ALCS	ORG 71-55-6	1,1,1-Trichloroethane	54		ug/L	1	0.17	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	108%		
D112214ALCS	D112214ALCS	ORG 78-93-3	2-Butanone	45		ug/L	1	0.81	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	90%		
D112214ALCS	D112214ALCS	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	114%		
D112214ALCS	D112214ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	102%		
D112214ALCS	D112214ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	104%		
D112214ALCS	D112214ALCS	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	106%		
D112214ALCS	D112214ALCS	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	104%		
D112214ALCS	D112214ALCS	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	106%		
D112214ALCS	D112214ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	98%		
D112214ALCS	D112214ALCS	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 108-10-1	4-Methyl-2-pentanone	58		ug/L	5	0.74	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	116%		
D112214ALCS	D112214ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	98%		
D112214ALCS	D112214ALCS	ORG 127-18-4	Tetrachloroethene	47		ug/L	1	0.49	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	94%		
D112214ALCS	D112214ALCS	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	102%		
D112214ALCS	D112214ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	110%		
D112214ALCS	D112214ALCS	ORG 591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	92%		
D112214ALCS	D112214ALCS	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	114%		
D112214ALCS	D112214ALCS	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	102%		
D112214ALCS	D112214ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	110%		
D112214ALCS	D112214ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	100	110%		
D112214ALCS	D112214ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	118%		
D112214ALCS	D112214ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	120%		
D112214ALCS	D112214ALCS	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	100%		
D112214ALCS	D112214ALCS	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	112%		
D112214ALCS	D112214ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	114%		
D112214ALCS	D112214ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	56		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	112%		
D112214ALCS	D112214ALCS	ORG 96-18-4	1,2,3-Trichloropropane	54		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5396	50	108%		



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D112214ALCS	D112214ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	108%		
D112214ALCS	D112214ALCS	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	108%		
D112214ALCS	D112214ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	106%		
D112214ALCS	D112214ALCS	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	112%		
D112214ALCS	D112214ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	108%		
D112214ALCS	D112214ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	110%		
D112214ALCS	D112214ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	104%		
D112214ALCS	D112214ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	108%		
D112214ALCS	D112214ALCS	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	114%		
D112214ALCS	D112214ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	62		ug/L	5	1.59	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	124%		
D112214ALCS	D112214ALCS	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	110%		
D112214ALCS	D112214ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	114%		
D112214ALCS	D112214ALCS	ORG 91-20-3	Naphthalene	63		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	126%		
D112214ALCS	D112214ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	112%		
D112214ALCS	D112214ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	104%		
D112214ALCS	D112214ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	96%		
D112214ALCS	D112214ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	98%		
D112214ALCS	D112214ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5396	50	104%		



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FINAL ANALYTICAL REPORT

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112214ALCD	D112214ALCD	ORG 75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	112%	4%		
D112214ALCD	D112214ALCD	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	0%		
D112214ALCD	D112214ALCD	ORG 75-01-4	Vinyl chloride	53		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	106%	6%		
D112214ALCD	D112214ALCD	ORG 74-83-9	Bromomethane	55		ug/L	5	0.50	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	110%	5%		
D112214ALCD	D112214ALCD	ORG 75-00-3	Chloroethane	48		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	96%	6%		
D112214ALCD	D112214ALCD	ORG 75-69-4	Trichlorofluoromethane	51		ug/L	5	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	10%		
D112214ALCD	D112214ALCD	ORG 75-35-4	1,1-Dichloroethene	40		ug/L	1	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	80%	14%		
D112214ALCD	D112214ALCD	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	98%	2%		
D112214ALCD	D112214ALCD	ORG 67-64-1	Acetone	75		ug/L	10	1.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	150%	27%		
D112214ALCD	D112214ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	2%		
D112214ALCD	D112214ALCD	ORG 1634-04-4	MTBE	51		ug/L	5	0.61	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	4%		
D112214ALCD	D112214ALCD	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	2%		
D112214ALCD	D112214ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	110%	0%		
D112214ALCD	D112214ALCD	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	104%	2%		
D112214ALCD	D112214ALCD	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	2%		
D112214ALCD	D112214ALCD	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	106%	2%		
D112214ALCD	D112214ALCD	ORG 78-93-3	2-Butanone	50		ug/L	1	0.81	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	11%		
D112214ALCD	D112214ALCD	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	112%	2%		
D112214ALCD	D112214ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	0%		
D112214ALCD	D112214ALCD	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	0%		
D112214ALCD	D112214ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	104%	0%		
D112214ALCD	D112214ALCD	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	106%	0%		
D112214ALCD	D112214ALCD	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	106%	2%		
D112214ALCD	D112214ALCD	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	108%	2%		
D112214ALCD	D112214ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	98%	0%		
D112214ALCD	D112214ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	0%		
D112214ALCD	D112214ALCD	ORG 108-10-1	4-Methyl-2-pentanone	64		ug/L	5	0.74	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	128%	10%		
D112214ALCD	D112214ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	100%	2%		
D112214ALCD	D112214ALCD	ORG 127-18-4	Tetrachloroethene	48		ug/L	1	0.49	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	96%	2%		
D112214ALCD	D112214ALCD	ORG 79-00-5	1,1,2-Trichloroethane	52		ug/L	1	0.34	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	104%	2%		
D112214ALCD	D112214ALCD	ORG 124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	104%	4%		
D112214ALCD	D112214ALCD	ORG 106-93-4	1,2-Dibromoethane	57		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	114%	4%		
D112214ALCD	D112214ALCD	ORG 591-78-6	2-Hexanone	57		ug/L	2	0.69	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	114%	21%		
D112214ALCD	D112214ALCD	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	112%	2%		
D112214ALCD	D112214ALCD	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	0%		
D112214ALCD	D112214ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	110%	0%		
D112214ALCD	D112214ALCD	ORG XYLMP	p&mn-Xylene	110		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	100	110%	0%		
D112214ALCD	D112214ALCD	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	116%	2%		
D112214ALCD	D112214ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	118%	2%		
D112214ALCD	D112214ALCD	ORG 75-25-2	Bromoform	51		ug/L	2	0.47	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	102%	2%		
D112214ALCD	D112214ALCD	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	108%	4%		
D112214ALCD	D112214ALCD	ORG 103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	110%	4%		
D112214ALCD	D112214ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	57		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	114%	2%		
D112214ALCD	D112214ALCD	ORG 96-18-4	1,2,3-Trichloropropane	56		ug/L	2	0.29	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B NALDS5397	50	112%	4%		

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D112214AKCF

D112214AKCF



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D112214ALCD	D112214ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	106%	2%	
D112214ALCD	D112214ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	106%	2%	
D112214ALCD	D112214ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	106%	0%	
D112214ALCD	D112214ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	110%	2%	
D112214ALCD	D112214ALCD	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	108%	0%	
D112214ALCD	D112214ALCD	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	108%	2%	
D112214ALCD	D112214ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	104%	0%	
D112214ALCD	D112214ALCD	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	110%	2%	
D112214ALCD	D112214ALCD	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	112%	2%	
D112214ALCD	D112214ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	64		ug/L	5	1.59	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	128%	3%	
D112214ALCD	D112214ALCD	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	110%	0%	
D112214ALCD	D112214ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	114%	0%	
D112214ALCD	D112214ALCD	ORG 91-20-3	Naphthalene	65		ug/L	5	0.56	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	130%	3%	
D112214ALCD	D112214ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	57		ug/L	5	0.23	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	114%	2%	
D112214ALCD	D112214ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	104%	0%	
D112214ALCD	D112214ALCD	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	98%	2%	
D112214ALCD	D112214ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	98%	0%	
D112214ALCD	D112214ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/22/2014	11/22/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5397	50	102%	2%	

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NAL13026-1753MS	T1-074	ORG 75-71-8	Dichlorodifluoromethane	290		ug/L	25	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	116%		
NAL13026-1753MS	T1-074	ORG 74-87-3	Chloromethane	270		ug/L	25	2.15	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 74-83-9	Bromomethane	290		ug/L	25	2.50	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	116%		
NAL13026-1753MS	T1-074	ORG 75-00-3	Chloroethane	250		ug/L	25	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 75-69-4	Trichlorofluoromethane	310		ug/L	25	0.98	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	124%		
NAL13026-1753MS	T1-074	ORG 75-35-4	1,1-Dichloroethene	220		ug/L	5	2.36	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	88%		
NAL13026-1753MS	T1-074	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 67-64-1	Acetone	42000		ug/L	50	7.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	-4000%		52000
NAL13026-1753MS	T1-074	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 1634-04-4	MTBE	260		ug/L	25	3.06	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 78-93-3	2-Butanone	26000		ug/L	5	4.06	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	2400%		20000
NAL13026-1753MS	T1-074	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 108-10-1	4-Methyl-2-pentanone	950		ug/L	25	3.70	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	136%		610
NAL13026-1753MS	T1-074	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 127-18-4	Tetrachloroethene	210		ug/L	5	2.43	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	84%		
NAL13026-1753MS	T1-074	ORG 79-00-5	1,1,2-Trichloroethane	260		ug/L	5	1.71	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	100%		
NAL13026-1753MS	T1-074	ORG 106-93-4	1,2-Dibromoethane	290		ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	116%		
NAL13026-1753MS	T1-074	ORG 591-78-6	2-Hexanone	590		ug/L	10	3.45	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	60%		440
NAL13026-1753MS	T1-074	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	115%		1.7
NAL13026-1753MS	T1-074	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	103%		2.8
NAL13026-1753MS	T1-074	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG XYLMP	p&m-Xylene	500		ug/L	10	1.31	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	500	109%		3.9
NAL13026-1753MS	T1-074	ORG 95-47-6	o-Xylene	200		ug/L	5	0.64	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	78%		3.8
NAL13026-1753MS	T1-074	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	128%		1.1
NAL13026-1753MS	T1-074	ORG 75-25-2	Bromoform	260		ug/L	10	2.34	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		
NAL13026-1753MS	T1-074	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 79-34-5	1,1,2,2-Tetrachloroethane	360		ug/L	10	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	144%		
NAL13026-1753MS	T1-074	ORG 96-18-4	1,2,3-Trichloropropane	290		ug/L	10	1.47	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	116%		



FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
NAL13026-1753MS	T1-074	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		30
NAL13026-1753MS	T1-074	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	112%		
NAL13026-1753MS	T1-074	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	108%		
NAL13026-1753MS	T1-074	ORG 99-87-6	p-Isopropyltoluene	410		ug/L	10	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		150
NAL13026-1753MS	T1-074	ORG 106-46-7	1,4-Dichlorobenzene	340		ug/L	10	1.65	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		79
NAL13026-1753MS	T1-074	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	111%		2.5
NAL13026-1753MS	T1-074	ORG 104-51-8	n-Butylbenzene	280		ug/L	25	1.39	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	109%		7.3
NAL13026-1753MS	T1-074	ORG 96-12-8	1,2-Dibromo-3-chloropropane	340		ug/L	25	7.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	136%		
NAL13026-1753MS	T1-074	ORG 87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	88%		
NAL13026-1753MS	T1-074	ORG 120-82-1	1,2,4-Trichlorobenzene	280		ug/L	25	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	110%		6.1
NAL13026-1753MS	T1-074	ORG 91-20-3	Naphthalene	910		ug/L	25	2.80	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	104%		650
NAL13026-1753MS	T1-074	ORG 87-61-6	1,2,3-Trichlorobenzene	260		ug/L	25	1.16	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	250	103%		3.4
NAL13026-1753MS	T1-074	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	50	106%		
NAL13026-1753MS	T1-074	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	50	94%		
NAL13026-1753MS	T1-074	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	50	94%		
NAL13026-1753MS	T1-074	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5398	50	104%		



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ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1753MSD	T1-074	ORG 75-71-8	Dichlorodifluoromethane	280		ug/L	25	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	4%	
NAL13026-1753MSD	T1-074	ORG 74-87-3	Chloromethane	260		ug/L	25	2.15	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	4%	
NAL13026-1753MSD	T1-074	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG 74-83-9	Bromomethane	280		ug/L	25	2.50	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	4%	
NAL13026-1753MSD	T1-074	ORG 75-00-3	Chloroethane	240		ug/L	25	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	96%	4%	
NAL13026-1753MSD	T1-074	ORG 75-69-4	Trichlorofluoromethane	240		ug/L	25	0.98	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	96%	25%	
NAL13026-1753MSD	T1-074	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	96%	9%	
NAL13026-1753MSD	T1-074	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	96%	4%	
NAL13026-1753MSD	T1-074	ORG 67-64-1	Acetone	44000		ug/L	50	7.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	-3200%	5%	52000
NAL13026-1753MSD	T1-074	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	4%	
NAL13026-1753MSD	T1-074	ORG 1634-04-4	MTBE	260		ug/L	25	3.06	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	0%	
NAL13026-1753MSD	T1-074	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	4%	
NAL13026-1753MSD	T1-074	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	0%	
NAL13026-1753MSD	T1-074	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	4%	
NAL13026-1753MSD	T1-074	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	0%	
NAL13026-1753MSD	T1-074	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	108%	4%	
NAL13026-1753MSD	T1-074	ORG 78-93-3	2-Butanone	28000		ug/L	5	4.06	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	3200%	7%	20000
NAL13026-1753MSD	T1-074	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	0%	
NAL13026-1753MSD	T1-074	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	4%	
NAL13026-1753MSD	T1-074	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	0%	
NAL13026-1753MSD	T1-074	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	4%	
NAL13026-1753MSD	T1-074	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	4%	
NAL13026-1753MSD	T1-074	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	0%	
NAL13026-1753MSD	T1-074	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	0%	
NAL13026-1753MSD	T1-074	ORG 108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	156%	5%	610
NAL13026-1753MSD	T1-074	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	0%	
NAL13026-1753MSD	T1-074	ORG 127-18-4	Tetrachloroethene	210		ug/L	5	2.43	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	84%	0%	
NAL13026-1753MSD	T1-074	ORG 79-00-5	1,1,2-Trichloroethane	260		ug/L	5	1.71	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	0%	
NAL13026-1753MSD	T1-074	ORG 124-48-1	Dibromochloromethane	250		ug/L	25	1.49	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	100%	0%	
NAL13026-1753MSD	T1-074	ORG 106-93-4	1,2-Dibromoethane	290		ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	116%	0%	
NAL13026-1753MSD	T1-074	ORG 591-78-6	2-Hexanone	650		ug/L	10	3.45	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	84%	10%	440
NAL13026-1753MSD	T1-074	ORG 100-41-4	Ethylbenzene	280		ug/L	5	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	111%	4%	1.7
NAL13026-1753MSD	T1-074	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	99%	4%	2.8
NAL13026-1753MSD	T1-074	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG XYLMP	p&m-Xylene	540		ug/L	10	1.31	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	500	107%	2%	3.9
NAL13026-1753MSD	T1-074	ORG 95-47-6	o-Xylene	300		ug/L	5	0.64	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	118%	40%	3.8
NAL13026-1753MSD	T1-074	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	124%	3%	1.1
NAL13026-1753MSD	T1-074	ORG 75-25-2	Bromoform	260		ug/L	10	2.34	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	104%	0%	
NAL13026-1753MSD	T1-074	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	0%	
NAL13026-1753MSD	T1-074	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	112%	0%	
NAL13026-1753MSD	T1-074	ORG 79-34-5	1,1,2,2-Tetrachloroethane	360		ug/L	10	1.46	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	144%	0%	
NAL13026-1753MSD	T1-074	ORG 96-18-4	1,2,3-Trichloropropane	290		ug/L	10	1.47	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5399	250	116%	0%	



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
NAL13026-1753MSD	T1-074	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	112%	0%	
NAL13026-1753MSD	T1-074	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	108%	0%	30
NAL13026-1753MSD	T1-074	ORG 135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	108%	4%	
NAL13026-1753MSD	T1-074	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	108%	0%	
NAL13026-1753MSD	T1-074	ORG 99-87-6	p-Isopropyltoluene	410		ug/L	10	1.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	104%	0%	150
NAL13026-1753MSD	T1-074	ORG 106-46-7	1,4-Dichlorobenzene	340		ug/L	10	1.65	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	104%	0%	79
NAL13026-1753MSD	T1-074	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	111%	0%	2.5
NAL13026-1753MSD	T1-074	ORG 104-51-8	n-Butylbenzene	280		ug/L	25	1.39	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	109%	0%	7.3
NAL13026-1753MSD	T1-074	ORG 96-12-8	1,2-Dibromo-3-chloropropane	350		ug/L	25	7.96	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	140%	3%	
NAL13026-1753MSD	T1-074	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	84%	5%	
NAL13026-1753MSD	T1-074	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	106%	4%	6.1
NAL13026-1753MSD	T1-074	ORG 91-20-3	Naphthalene	930		ug/L	25	2.80	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	112%	2%	650
NAL13026-1753MSD	T1-074	ORG 87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	250	99%	4%	3.4
NAL13026-1753MSD	T1-074	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	50	106%	0%	
NAL13026-1753MSD	T1-074	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	50	94%	0%	
NAL13026-1753MSD	T1-074	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	50	94%	0%	
NAL13026-1753MSD	T1-074	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/22/2014	11/22/2014	11/22/2014	WG	5	NA	5.0	NA	SW8260B	NALD5399	50	104%	0%	



FINAL ANALYTICAL REPORT

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ATTN: Brian Power

Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1756	T1-075	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 67-64-1	Acetone	83000	DB	ug/L	5000	778.04	11/23/2014	11/23/2014	11/23/2014	WG	500	NA	5.0	NA	SW8260B	NALD5416				
NAL13026-1756	T1-075	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 78-93-3	2-Butanone	14000	D	ug/L	5000	405.90	11/23/2014	11/23/2014	11/23/2014	WG	500	NA	5.0	NA	SW8260B	NALD5416				
NAL13026-1756	T1-075	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 71-43-2	Benzene	0.99	J	ug/L	5	0.68	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 108-10-1	4-Methyl-2-pentanone	400		ug/L	25	3.70	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 591-78-6	2-Hexanone	290		ug/L	25	3.45	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 100-41-4	Ethylbenzene	1.3	J	ug/L	5	1.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG XYLMP	p&m-Xylene	2.9	J	ug/L	10	1.31	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 95-47-6	o-Xylene	3.0	J	ug/L	5	0.64	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 100-42-5	Styrene		U	ug/L	5	1.01	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				



New Age/Landmark
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1756	T1-075	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 95-63-6	1,2,4-Trimethylbenzene	16		ug/L	10	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 99-87-6	p-Isopropyltoluene	86		ug/L	10	1.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 106-46-7	1,4-Dichlorobenzene	44		ug/L	10	1.65	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 95-50-1	1,2-Dichlorobenzene	1.4	J	ug/L	10	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 104-51-8	n-Butylbenzene	3.3	J	ug/L	25	1.39	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 120-82-1	1,2,4-Trichlorobenzene	3.3	J	ug/L	25	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 91-20-3	Naphthalene	400		ug/L	25	2.80	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	ORG 87-61-6	1,2,3-Trichlorobenzene	2.2	J	ug/L	25	1.16	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414				
NAL13026-1756	T1-075	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414	50	98%		
NAL13026-1756	T1-075	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414	50	94%		
NAL13026-1756	T1-075	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414	50	96%		
NAL13026-1756	T1-075	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5414	50	110%		



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D112314CCVA	D112314CCVA	ORG 75-71-8	Dichlorodifluoromethane	59		ug/L	5	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	118%		
D112314CCVA	D112314CCVA	ORG 74-87-3	Chloromethane	47		ug/L	5	0.43	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		
D112314CCVA	D112314CCVA	ORG 75-01-4	Vinyl chloride	58		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	116%		
D112314CCVA	D112314CCVA	ORG 74-83-9	Bromomethane	86		ug/L	5	0.50	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	172%		
D112314CCVA	D112314CCVA	ORG 75-00-3	Chloroethane	60		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	120%		
D112314CCVA	D112314CCVA	ORG 75-69-4	Trichlorofluoromethane	350		ug/L	5	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	700%		
D112314CCVA	D112314CCVA	ORG 75-35-4	1,1-Dichloroethene	51		ug/L	1	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 67-64-1	Acetone	45		ug/L	10	1.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	90%		
D112314CCVA	D112314CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		
D112314CCVA	D112314CCVA	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	98%		
D112314CCVA	D112314CCVA	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	114%		
D112314CCVA	D112314CCVA	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		
D112314CCVA	D112314CCVA	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	104%		
D112314CCVA	D112314CCVA	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	98%		
D112314CCVA	D112314CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	96%		
D112314CCVA	D112314CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	78%		
D112314CCVA	D112314CCVA	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		
D112314CCVA	D112314CCVA	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	96%		
D112314CCVA	D112314CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	104%		
D112314CCVA	D112314CCVA	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	84%		
D112314CCVA	D112314CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	116%		
D112314CCVA	D112314CCVA	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	104%		
D112314CCVA	D112314CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	110%		
D112314CCVA	D112314CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	100	110%		
D112314CCVA	D112314CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	120%		
D112314CCVA	D112314CCVA	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	118%		
D112314CCVA	D112314CCVA	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	92%		
D112314CCVA	D112314CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	114%		
D112314CCVA	D112314CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	114%		
D112314CCVA	D112314CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	96%		
D112314CCVA	D112314CCVA	ORG 96-18-4	1,2,3-Trichloropropane	47		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		



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D112314CCVA	D112314CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	108%		
D112314CCVA	D112314CCVA	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	112%		
D112314CCVA	D112314CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	114%		
D112314CCVA	D112314CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	108%		
D112314CCVA	D112314CCVA	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	110%		
D112314CCVA	D112314CCVA	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	114%		
D112314CCVA	D112314CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	47		ug/L	5	1.59	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	94%		
D112314CCVA	D112314CCVA	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	112%		
D112314CCVA	D112314CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	106%		
D112314CCVA	D112314CCVA	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	100%		
D112314CCVA	D112314CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	102%		
D112314CCVA	D112314CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	92%		
D112314CCVA	D112314CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	98%		
D112314CCVA	D112314CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5410	50	104%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112314MBKA	D112314MBKA	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 74-87-3	Chloromethane		U	ug/L	5	0.43	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 74-83-9	Bromomethane		U	ug/L	5	0.50	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-00-3	Chloroethane		U	ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 67-64-1	Acetone	11		ug/L	10	1.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 1634-04-4	MTBE		U	ug/L	5	0.61	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 67-66-3	Chloroform		U	ug/L	2	0.16	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 78-93-3	2-Butanone		U	ug/L	1	0.81	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 71-43-2	Benzene		U	ug/L	1	0.14	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 108-88-3	Toluene		U	ug/L	1	0.21	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 95-47-6	o-Xylene		U	ug/L	1	0.13	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 100-42-5	Styrene		U	ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 75-25-2	Bromoform		U	ug/L	2	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				



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D112314MBKA	D112314MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412				
D112314MBKA	D112314MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412	50	98%		
D112314MBKA	D112314MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412	50	102%		
D112314MBKA	D112314MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412	50	102%		
D112314MBKA	D112314MBKA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5412	50	104%		



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D112314ALCS	D112314ALCS	ORG 75-71-8	Dichlorodifluoromethane	58		ug/L	5	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	116%		
D112314ALCS	D112314ALCS	ORG 74-87-3	Chloromethane	49		ug/L	5	0.43	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	98%		
D112314ALCS	D112314ALCS	ORG 75-01-4	Vinyl chloride	55		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	110%		
D112314ALCS	D112314ALCS	ORG 74-83-9	Bromomethane	66		ug/L	5	0.50	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	132%		
D112314ALCS	D112314ALCS	ORG 75-00-3	Chloroethane	57		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 75-69-4	Trichlorofluoromethane	85		ug/L	5	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	170%		
D112314ALCS	D112314ALCS	ORG 75-35-4	1,1-Dichloroethene	52		ug/L	1	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	94%		
D112314ALCS	D112314ALCS	ORG 67-64-1	Acetone	56		ug/L	10	1.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	112%		
D112314ALCS	D112314ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	102%		
D112314ALCS	D112314ALCS	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	96%		
D112314ALCS	D112314ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	102%		
D112314ALCS	D112314ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	106%		
D112314ALCS	D112314ALCS	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	110%		
D112314ALCS	D112314ALCS	ORG 78-93-3	2-Butanone	50		ug/L	1	0.81	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	116%		
D112314ALCS	D112314ALCS	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	106%		
D112314ALCS	D112314ALCS	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	102%		
D112314ALCS	D112314ALCS	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	110%		
D112314ALCS	D112314ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	98%		
D112314ALCS	D112314ALCS	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	82%		
D112314ALCS	D112314ALCS	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	100%		
D112314ALCS	D112314ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	116%		
D112314ALCS	D112314ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	112%		
D112314ALCS	D112314ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	100	110%		
D112314ALCS	D112314ALCS	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	120%		
D112314ALCS	D112314ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	120%		
D112314ALCS	D112314ALCS	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	98%		
D112314ALCS	D112314ALCS	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	106%		
D112314ALCS	D112314ALCS	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		



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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112314ALCS	D112314ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	110%		
D112314ALCS	D112314ALCS	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	112%		
D112314ALCS	D112314ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	110%		
D112314ALCS	D112314ALCS	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	112%		
D112314ALCS	D112314ALCS	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	106%		
D112314ALCS	D112314ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	116%		
D112314ALCS	D112314ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	106%		
D112314ALCS	D112314ALCS	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	114%		
D112314ALCS	D112314ALCS	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	116%		
D112314ALCS	D112314ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	108%		
D112314ALCS	D112314ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	104%		
D112314ALCS	D112314ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	94%		
D112314ALCS	D112314ALCS	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	96%		
D112314ALCS	D112314ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5411	50	102%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112314ALCD	D112314ALCD	ORG 75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	112%	4%	
D112314ALCD	D112314ALCD	ORG 74-87-3	Chloromethane	49		ug/L	5	0.43	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	98%	0%	
D112314ALCD	D112314ALCD	ORG 75-01-4	Vinyl chloride	54		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	2%	
D112314ALCD	D112314ALCD	ORG 74-83-9	Bromomethane	64		ug/L	5	0.50	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	128%	3%	
D112314ALCD	D112314ALCD	ORG 75-00-3	Chloroethane	58		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	116%	2%	
D112314ALCD	D112314ALCD	ORG 75-69-4	Trichlorofluoromethane	96		ug/L	5	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	192%	12%	
D112314ALCD	D112314ALCD	ORG 75-35-4	1,1-Dichloroethene	57		ug/L	1	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	114%	9%	
D112314ALCD	D112314ALCD	ORG 75-09-2	Methylene chloride	27		ug/L	5	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	54%	54%	
D112314ALCD	D112314ALCD	ORG 67-64-1	Acetone	49		ug/L	10	1.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	98%	13%	
D112314ALCD	D112314ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	104%	2%	
D112314ALCD	D112314ALCD	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	96%	0%	
D112314ALCD	D112314ALCD	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	0%	
D112314ALCD	D112314ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	0%	
D112314ALCD	D112314ALCD	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	0%	
D112314ALCD	D112314ALCD	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	2%	
D112314ALCD	D112314ALCD	ORG 71-55-6	1,1,1-Trichloroethane	54		ug/L	1	0.17	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	2%	
D112314ALCD	D112314ALCD	ORG 78-93-3	2-Butanone	48		ug/L	1	0.81	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	96%	4%	
D112314ALCD	D112314ALCD	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	114%	2%	
D112314ALCD	D112314ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	2%	
D112314ALCD	D112314ALCD	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	2%	
D112314ALCD	D112314ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	104%	0%	
D112314ALCD	D112314ALCD	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	2%	
D112314ALCD	D112314ALCD	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	104%	0%	
D112314ALCD	D112314ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	2%	
D112314ALCD	D112314ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	98%	2%	
D112314ALCD	D112314ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	100%	2%	
D112314ALCD	D112314ALCD	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	110%	0%	
D112314ALCD	D112314ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	98%	0%	
D112314ALCD	D112314ALCD	ORG 127-18-4	Tetrachloroethene	45		ug/L	1	0.49	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	90%	9%	
D112314ALCD	D112314ALCD	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	100%	0%	
D112314ALCD	D112314ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	100%	0%	
D112314ALCD	D112314ALCD	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	0%	
D112314ALCD	D112314ALCD	ORG 591-78-6	2-Hexanone	48		ug/L	2	0.69	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	96%	4%	
D112314ALCD	D112314ALCD	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	114%	2%	
D112314ALCD	D112314ALCD	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	2%	
D112314ALCD	D112314ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	110%	2%	
D112314ALCD	D112314ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	100	110%	0%	
D112314ALCD	D112314ALCD	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	116%	3%	
D112314ALCD	D112314ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	118%	2%	
D112314ALCD	D112314ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	96%	2%	
D112314ALCD	D112314ALCD	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	110%	4%	
D112314ALCD	D112314ALCD	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	112%	2%	
D112314ALCD	D112314ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	0%	
D112314ALCD	D112314ALCD	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	2%	



FINAL ANALYTICAL REPORT

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 Bridgeton, MO 63044
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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112314ALCD	D112314ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	4%	
D112314ALCD	D112314ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	6%	
D112314ALCD	D112314ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	2%	
D112314ALCD	D112314ALCD	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	110%	4%	
D112314ALCD	D112314ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	4%	
D112314ALCD	D112314ALCD	ORG 99-87-6	p-Isopropyltoluene	53		ug/L	2	0.25	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	6%	
D112314ALCD	D112314ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	104%	2%	
D112314ALCD	D112314ALCD	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	0%	
D112314ALCD	D112314ALCD	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	112%	4%	
D112314ALCD	D112314ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	2%	
D112314ALCD	D112314ALCD	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	106%	7%	
D112314ALCD	D112314ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	5%	
D112314ALCD	D112314ALCD	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	116%	0%	
D112314ALCD	D112314ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	108%	0%	
D112314ALCD	D112314ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	104%	0%	
D112314ALCD	D112314ALCD	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	98%	4%	
D112314ALCD	D112314ALCD	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	96%	0%	
D112314ALCD	D112314ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/23/2014	11/23/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5417	50	102%	0%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1756MS	T1-075	ORG 75-71-8	Dichlorodifluoromethane	270		ug/L	25	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 74-87-3	Chloromethane	240		ug/L	25	2.15	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 74-83-9	Bromomethane	330		ug/L	25	2.50	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	132%		
NAL13026-1756MS	T1-075	ORG 75-00-3	Chloroethane	290		ug/L	25	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	116%		
NAL13026-1756MS	T1-075	ORG 75-69-4	Trichlorofluoromethane	230		ug/L	25	0.98	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	92%		
NAL13026-1756MS	T1-075	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	100%		
NAL13026-1756MS	T1-075	ORG 67-64-1	Acetone	42000		ug/L	50	7.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	-16400%		83000
NAL13026-1756MS	T1-075	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	100%		
NAL13026-1756MS	T1-075	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	112%		
NAL13026-1756MS	T1-075	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	100%		
NAL13026-1756MS	T1-075	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 78-93-3	2-Butanone	23000		ug/L	5	4.06	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	3600%		14000
NAL13026-1756MS	T1-075	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	112%		
NAL13026-1756MS	T1-075	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		0.99
NAL13026-1756MS	T1-075	ORG 107-06-2	1,2-Dichloroethane	260		ug/L	5	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	104%		
NAL13026-1756MS	T1-075	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	100%		
NAL13026-1756MS	T1-075	ORG 108-10-1	4-Methyl-2-pentanone	770		ug/L	25	3.70	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	148%		400
NAL13026-1756MS	T1-075	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 127-18-4	Tetrahydroethene	200		ug/L	5	2.43	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	80%		
NAL13026-1756MS	T1-075	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	100%		
NAL13026-1756MS	T1-075	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 591-78-6	2-Hexanone	490		ug/L	10	3.45	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	80%		290
NAL13026-1756MS	T1-075	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	115%		1.3
NAL13026-1756MS	T1-075	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		
NAL13026-1756MS	T1-075	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	112%		
NAL13026-1756MS	T1-075	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	500	111%		2.9
NAL13026-1756MS	T1-075	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	123%		3.0
NAL13026-1756MS	T1-075	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	128%		
NAL13026-1756MS	T1-075	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	96%		
NAL13026-1756MS	T1-075	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	116%		
NAL13026-1756MS	T1-075	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	116%		
NAL13026-1756MS	T1-075	ORG 79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	128%		
NAL13026-1756MS	T1-075	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5418	250	108%		



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Table with 21 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. It contains 28 rows of analytical data for various compounds like Trimethylbenzene, Butylbenzene, Dichlorobenzene, etc.



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NAL13026-1756MSD	T1-075	ORG 75-71-8	Dichlorodifluoromethane	280		ug/L	25	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	4%	
NAL13026-1756MSD	T1-075	ORG 74-87-3	Chloromethane	260		ug/L	25	2.15	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	8%	
NAL13026-1756MSD	T1-075	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	0%	
NAL13026-1756MSD	T1-075	ORG 74-83-9	Bromomethane	310		ug/L	25	2.50	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	124%	6%	
NAL13026-1756MSD	T1-075	ORG 75-00-3	Chloroethane	280		ug/L	25	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	4%	
NAL13026-1756MSD	T1-075	ORG 75-69-4	Trichlorofluoromethane	450		ug/L	25	0.98	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	180%	65%	
NAL13026-1756MSD	T1-075	ORG 75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	8%	
NAL13026-1756MSD	T1-075	ORG 75-09-2	Methylene chloride	240		ug/L	25	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	4%	
NAL13026-1756MSD	T1-075	ORG 67-64-1	Acetone	40000		ug/L	50	7.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	-17200%	5%	83000
NAL13026-1756MSD	T1-075	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	4%	
NAL13026-1756MSD	T1-075	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	0%	
NAL13026-1756MSD	T1-075	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	0%	
NAL13026-1756MSD	T1-075	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	0%	
NAL13026-1756MSD	T1-075	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	0%	
NAL13026-1756MSD	T1-075	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	0%	
NAL13026-1756MSD	T1-075	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	0%	
NAL13026-1756MSD	T1-075	ORG 78-93-3	2-Butanone	23000		ug/L	5	4.06	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	3600%	0%	14000
NAL13026-1756MSD	T1-075	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	0%	
NAL13026-1756MSD	T1-075	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	0%	0.99
NAL13026-1756MSD	T1-075	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	4%	
NAL13026-1756MSD	T1-075	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	0%	
NAL13026-1756MSD	T1-075	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	4%	
NAL13026-1756MSD	T1-075	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	4%	
NAL13026-1756MSD	T1-075	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	0%	
NAL13026-1756MSD	T1-075	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	0%	
NAL13026-1756MSD	T1-075	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	0%	
NAL13026-1756MSD	T1-075	ORG 108-10-1	4-Methyl-2-pentanone	780		ug/L	25	3.70	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	152%	1%	400
NAL13026-1756MSD	T1-075	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	0%	
NAL13026-1756MSD	T1-075	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	80%	0%	
NAL13026-1756MSD	T1-075	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	100%	0%	
NAL13026-1756MSD	T1-075	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	0%	
NAL13026-1756MSD	T1-075	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	0%	
NAL13026-1756MSD	T1-075	ORG 591-78-6	2-Hexanone	460		ug/L	10	3.45	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	68%	6%	290
NAL13026-1756MSD	T1-075	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	115%	0%	1.3
NAL13026-1756MSD	T1-075	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	104%	4%	
NAL13026-1756MSD	T1-075	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	4%	
NAL13026-1756MSD	T1-075	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	500	111%	0%	2.9
NAL13026-1756MSD	T1-075	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	123%	0%	3.0
NAL13026-1756MSD	T1-075	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	128%	0%	
NAL13026-1756MSD	T1-075	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	96%	0%	
NAL13026-1756MSD	T1-075	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	116%	0%	
NAL13026-1756MSD	T1-075	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	116%	0%	
NAL13026-1756MSD	T1-075	ORG 79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	128%	0%	
NAL13026-1756MSD	T1-075	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	0%	

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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1756MSD	T1-075	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	0%	
NAL13026-1756MSD	T1-075	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	4%	
NAL13026-1756MSD	T1-075	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	114%	0%	16
NAL13026-1756MSD	T1-075	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	112%	0%	
NAL13026-1756MSD	T1-075	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	108%	0%	
NAL13026-1756MSD	T1-075	ORG 99-87-6	p-Isopropyltoluene	390		ug/L	10	1.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	122%	0%	86
NAL13026-1756MSD	T1-075	ORG 106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	110%	3%	44
NAL13026-1756MSD	T1-075	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	107%	0%	1.4
NAL13026-1756MSD	T1-075	ORG 104-51-8	n-Butylbenzene	280		ug/L	25	1.39	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	111%	0%	3.3
NAL13026-1756MSD	T1-075	ORG 96-12-8	1,2-Dibromo-3-chloropropane	350		ug/L	25	7.96	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	140%	12%	
NAL13026-1756MSD	T1-075	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	72%	11%	
NAL13026-1756MSD	T1-075	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	99%	4%	3.3
NAL13026-1756MSD	T1-075	ORG 91-20-3	Naphthalene	720		ug/L	25	2.80	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	128%	0%	400
NAL13026-1756MSD	T1-075	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	250	91%	4%	2.2
NAL13026-1756MSD	T1-075	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	50	104%	2%	
NAL13026-1756MSD	T1-075	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	50	94%	4%	
NAL13026-1756MSD	T1-075	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	50	96%	2%	
NAL13026-1756MSD	T1-075	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/23/2014	11/23/2014	11/23/2014	WG	5	NA	5.0	NA	SW8260B	NALD5419	50	106%	2%	



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1757	T1-076	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 67-64-1	Acetone	51000	D	ug/L	5000	778.04	11/24/2014	11/24/2014	11/24/2014	WG	500	NA	5.0	NA	SW8260B	NALD5424				
NAL13026-1757	T1-076	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 78-93-3	2-Butanone	11000	D	ug/L	5000	405.90	11/24/2014	11/24/2014	11/24/2014	WG	500	NA	5.0	NA	SW8260B	NALD5424				
NAL13026-1757	T1-076	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 71-43-2	Benzene		U	ug/L	5	0.68	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 108-10-1	4-Methyl-2-pentanone	350		ug/L	25	3.70	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 591-78-6	2-Hexanone	250		ug/L	25	3.45	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 100-41-4	Ethylbenzene		U	ug/L	5	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 108-90-7	Chlorobenzene	1.8	J	ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG XYLMP	p&m-Xylene		U	ug/L	10	1.31	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 95-47-6	o-Xylene	1.6	J	ug/L	5	0.64	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 100-42-5	Styrene		U	ug/L	5	1.01	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				



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NAL13026-1757	T1-076	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 95-63-6	1,2,4-Trimethylbenzene	9.0	J	ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	10	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	10	1.65	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 104-51-8	n-Butylbenzene	2.6	J	ug/L	25	1.39	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 120-82-1	1,2,4-Trichlorobenzene	2.3	J	ug/L	25	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 91-20-3	Naphthalene	350		ug/L	25	2.80	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	25	1.16	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425				
NAL13026-1757	T1-076	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425	50	100%		
NAL13026-1757	T1-076	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425	50	96%		
NAL13026-1757	T1-076	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425	50	96%		
NAL13026-1757	T1-076	STD 460-00-4	Bromofluorobenzene	57		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5425	50	114%		



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D112414CCVA	D112414CCVA	ORG 75-71-8	Dichlorodifluoromethane	62		ug/L	5	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	124%		
D112414CCVA	D112414CCVA	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	100%		
D112414CCVA	D112414CCVA	ORG 75-01-4	Vinyl chloride	60		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	120%		
D112414CCVA	D112414CCVA	ORG 74-83-9	Bromomethane	83		ug/L	5	0.50	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	166%		
D112414CCVA	D112414CCVA	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	110%		
D112414CCVA	D112414CCVA	ORG 75-69-4	Trichlorofluoromethane	127		ug/L	5	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	254%		
D112414CCVA	D112414CCVA	ORG 75-35-4	1,1-Dichloroethene	53		ug/L	1	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	100%		
D112414CCVA	D112414CCVA	ORG 67-64-1	Acetone	47		ug/L	10	1.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	94%		
D112414CCVA	D112414CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		
D112414CCVA	D112414CCVA	ORG 1634-04-4	MTBE	52		ug/L	5	0.61	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		
D112414CCVA	D112414CCVA	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		
D112414CCVA	D112414CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	110%		
D112414CCVA	D112414CCVA	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		
D112414CCVA	D112414CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		
D112414CCVA	D112414CCVA	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	110%		
D112414CCVA	D112414CCVA	ORG 78-93-3	2-Butanone	56		ug/L	1	0.81	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	112%		
D112414CCVA	D112414CCVA	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	116%		
D112414CCVA	D112414CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		
D112414CCVA	D112414CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	98%		
D112414CCVA	D112414CCVA	ORG 79-01-6	Trichloroethene	53		ug/L	1	0.36	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		
D112414CCVA	D112414CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	98%		
D112414CCVA	D112414CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	100%		
D112414CCVA	D112414CCVA	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	112%		
D112414CCVA	D112414CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	98%		
D112414CCVA	D112414CCVA	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	82%		
D112414CCVA	D112414CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	98%		
D112414CCVA	D112414CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	98%		
D112414CCVA	D112414CCVA	ORG 106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 591-78-6	2-Hexanone	48		ug/L	2	0.69	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	96%		
D112414CCVA	D112414CCVA	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	114%		
D112414CCVA	D112414CCVA	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		
D112414CCVA	D112414CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	100	111%		
D112414CCVA	D112414CCVA	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	118%		
D112414CCVA	D112414CCVA	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	118%		
D112414CCVA	D112414CCVA	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	96%		
D112414CCVA	D112414CCVA	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	112%		
D112414CCVA	D112414CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	114%		
D112414CCVA	D112414CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		



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D112414CCVA	D112414CCVA	ORG 96-18-4	1,2,3-Trichloropropane	50		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	100%		
D112414CCVA	D112414CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	110%		
D112414CCVA	D112414CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	112%		
D112414CCVA	D112414CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	104%		
D112414CCVA	D112414CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	114%		
D112414CCVA	D112414CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	106%		
D112414CCVA	D112414CCVA	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	110%		
D112414CCVA	D112414CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	108%		
D112414CCVA	D112414CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		
D112414CCVA	D112414CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	100%		
D112414CCVA	D112414CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	94%		
D112414CCVA	D112414CCVA	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	96%		
D112414CCVA	D112414CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5421	50	102%		



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Project Site: Bridgeton Landfill

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D112414MBKA	D112414MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				



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D112414MBKA	D112414MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423				
D112414MBKA	D112414MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423	50	98%		
D112414MBKA	D112414MBKA	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423	50	100%		
D112414MBKA	D112414MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423	50	102%		
D112414MBKA	D112414MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5423	50	106%		



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D112414ALCS	D112414ALCS	ORG 75-71-8	Dichlorodifluoromethane	57		ug/L	5	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG 74-87-3	Chloromethane	48		ug/L	5	0.43	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	96%		
D112414ALCS	D112414ALCS	ORG 75-01-4	Vinyl chloride	54		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 74-83-9	Bromomethane	72		ug/L	5	0.50	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	144%		
D112414ALCS	D112414ALCS	ORG 75-00-3	Chloroethane	58		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	116%		
D112414ALCS	D112414ALCS	ORG 75-69-4	Trichlorofluoromethane	91		ug/L	5	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	182%		
D112414ALCS	D112414ALCS	ORG 75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	100%		
D112414ALCS	D112414ALCS	ORG 75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	102%		
D112414ALCS	D112414ALCS	ORG 67-64-1	Acetone	45		ug/L	10	1.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	90%		
D112414ALCS	D112414ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		
D112414ALCS	D112414ALCS	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	98%		
D112414ALCS	D112414ALCS	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		
D112414ALCS	D112414ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 74-97-5	Bromochloromethane	54		ug/L	10	0.41	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 67-66-3	Chloroform	52		ug/L	2	0.16	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		
D112414ALCS	D112414ALCS	ORG 71-55-6	1,1,1-Trichloroethane	56		ug/L	1	0.17	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	106%		
D112414ALCS	D112414ALCS	ORG 56-23-5	Carbon tetrachloride	59		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	118%		
D112414ALCS	D112414ALCS	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	106%		
D112414ALCS	D112414ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	100%		
D112414ALCS	D112414ALCS	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 78-87-5	1,2-Dichloropropane	54		ug/L	1	0.18	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	110%		
D112414ALCS	D112414ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	102%		
D112414ALCS	D112414ALCS	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		
D112414ALCS	D112414ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	102%		
D112414ALCS	D112414ALCS	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	82%		
D112414ALCS	D112414ALCS	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	102%		
D112414ALCS	D112414ALCS	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	102%		
D112414ALCS	D112414ALCS	ORG 106-93-4	1,2-Dibromoethane	56		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	100%		
D112414ALCS	D112414ALCS	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	118%		
D112414ALCS	D112414ALCS	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	106%		
D112414ALCS	D112414ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG XYLMP	p&m-Xylene	114		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	100	114%		
D112414ALCS	D112414ALCS	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	122%		
D112414ALCS	D112414ALCS	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	122%		
D112414ALCS	D112414ALCS	ORG 75-25-2	Bromoform	50		ug/L	2	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	100%		
D112414ALCS	D112414ALCS	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	116%		
D112414ALCS	D112414ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	54		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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- D** = Compound identified in an analysis at a secondary dilution factor.
- E** = Compound's concentration exceeds the calibration range of the instrument at this dilution.
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112414ALCS	D112414ALCS	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	106%		
D112414ALCS	D112414ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	110%		
D112414ALCS	D112414ALCS	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	110%		
D112414ALCS	D112414ALCS	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	116%		
D112414ALCS	D112414ALCS	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	110%		
D112414ALCS	D112414ALCS	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	112%		
D112414ALCS	D112414ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	116%		
D112414ALCS	D112414ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	108%		
D112414ALCS	D112414ALCS	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	114%		
D112414ALCS	D112414ALCS	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	118%		
D112414ALCS	D112414ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	110%		
D112414ALCS	D112414ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		
D112414ALCS	D112414ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	94%		
D112414ALCS	D112414ALCS	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	96%		
D112414ALCS	D112414ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5422	50	104%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112414ALCD	D112414ALCD	ORG 75-71-8	Dichlorodifluoromethane	57		ug/L	5	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	114%	0%	
D112414ALCD	D112414ALCD	ORG 74-87-3	Chloromethane	48		ug/L	5	0.43	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	96%	0%	
D112414ALCD	D112414ALCD	ORG 75-01-4	Vinyl chloride	55		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	2%	
D112414ALCD	D112414ALCD	ORG 74-83-9	Bromomethane	71		ug/L	5	0.50	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	142%	1%	
D112414ALCD	D112414ALCD	ORG 75-00-3	Chloroethane	60		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	120%	3%	
D112414ALCD	D112414ALCD	ORG 75-69-4	Trichlorofluoromethane	93		ug/L	5	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	186%	2%	
D112414ALCD	D112414ALCD	ORG 75-35-4	1,1-Dichloroethene	55		ug/L	1	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	10%	
D112414ALCD	D112414ALCD	ORG 75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	0%	
D112414ALCD	D112414ALCD	ORG 67-64-1	Acetone	55		ug/L	10	1.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	20%	
D112414ALCD	D112414ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	104%	0%	
D112414ALCD	D112414ALCD	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	98%	0%	
D112414ALCD	D112414ALCD	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	104%	0%	
D112414ALCD	D112414ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	58		ug/L	1	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	116%	4%	
D112414ALCD	D112414ALCD	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	106%	2%	
D112414ALCD	D112414ALCD	ORG 67-66-3	Chloroform	53		ug/L	2	0.16	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	106%	2%	
D112414ALCD	D112414ALCD	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	2%	
D112414ALCD	D112414ALCD	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	104%	2%	
D112414ALCD	D112414ALCD	ORG 56-23-5	Carbon tetrachloride	60		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	120%	2%	
D112414ALCD	D112414ALCD	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	106%	0%	
D112414ALCD	D112414ALCD	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	2%	
D112414ALCD	D112414ALCD	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	0%	
D112414ALCD	D112414ALCD	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	0%	
D112414ALCD	D112414ALCD	ORG 78-87-5	1,2-Dichloropropane	54		ug/L	1	0.18	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	0%	
D112414ALCD	D112414ALCD	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	0%	
D112414ALCD	D112414ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	0%	
D112414ALCD	D112414ALCD	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	104%	0%	
D112414ALCD	D112414ALCD	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	0%	
D112414ALCD	D112414ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	100%	2%	
D112414ALCD	D112414ALCD	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	82%	0%	
D112414ALCD	D112414ALCD	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	0%	
D112414ALCD	D112414ALCD	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	0%	
D112414ALCD	D112414ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	2%	
D112414ALCD	D112414ALCD	ORG 591-78-6	2-Hexanone	49		ug/L	2	0.69	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	98%	2%	
D112414ALCD	D112414ALCD	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	118%	0%	
D112414ALCD	D112414ALCD	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	106%	0%	
D112414ALCD	D112414ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	2%	
D112414ALCD	D112414ALCD	ORG XYLMP	p&m-Xylene	114		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	100	114%	0%	
D112414ALCD	D112414ALCD	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	122%	0%	
D112414ALCD	D112414ALCD	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	122%	0%	
D112414ALCD	D112414ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	96%	4%	
D112414ALCD	D112414ALCD	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	114%	0%	
D112414ALCD	D112414ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	116%	0%	
D112414ALCD	D112414ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	54		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	0%	

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D112414ALCD	D112414ALCD	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	106%	0%	
D112414ALCD	D112414ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	0%	
D112414ALCD	D112414ALCD	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	114%	0%	
D112414ALCD	D112414ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	2%	
D112414ALCD	D112414ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	114%	2%	
D112414ALCD	D112414ALCD	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	2%	
D112414ALCD	D112414ALCD	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	2%	
D112414ALCD	D112414ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	0%	
D112414ALCD	D112414ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	0%	
D112414ALCD	D112414ALCD	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	116%	0%	
D112414ALCD	D112414ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	110%	2%	
D112414ALCD	D112414ALCD	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	2%	
D112414ALCD	D112414ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	112%	2%	
D112414ALCD	D112414ALCD	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	116%	2%	
D112414ALCD	D112414ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	108%	2%	
D112414ALCD	D112414ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	104%	0%	
D112414ALCD	D112414ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	96%	2%	
D112414ALCD	D112414ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	98%	2%	
D112414ALCD	D112414ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/24/2014	11/24/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5427	50	102%	2%	



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NAL13026-1757MS	T1-076	ORG 75-71-8	Dichlorodifluoromethane	270		ug/L	25	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 74-83-9	Bromomethane	340		ug/L	25	2.50	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	136%		
NAL13026-1757MS	T1-076	ORG 75-00-3	Chloroethane	290		ug/L	25	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	116%		
NAL13026-1757MS	T1-076	ORG 75-69-4	Trichlorofluoromethane	390		ug/L	25	0.98	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	156%		
NAL13026-1757MS	T1-076	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 67-64-1	Acetone	41000		ug/L	50	7.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	-4000%		51000
NAL13026-1757MS	T1-076	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 78-93-3	2-Butanone	21000		ug/L	5	4.06	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	4000%		11000
NAL13026-1757MS	T1-076	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	116%		
NAL13026-1757MS	T1-076	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 79-01-6	Trichloroethene	260		ug/L	5	1.82	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		
NAL13026-1757MS	T1-076	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 108-10-1	4-Methyl-2-pentanone	610		ug/L	25	3.70	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	104%		350
NAL13026-1757MS	T1-076	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	76%		
NAL13026-1757MS	T1-076	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	96%		
NAL13026-1757MS	T1-076	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 591-78-6	2-Hexanone	350		ug/L	10	3.45	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	40%		250
NAL13026-1757MS	T1-076	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	120%		
NAL13026-1757MS	T1-076	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	107%		1.8
NAL13026-1757MS	T1-076	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		
NAL13026-1757MS	T1-076	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	500	114%		
NAL13026-1757MS	T1-076	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	123%		1.6
NAL13026-1757MS	T1-076	ORG 100-42-5	Styrene	330		ug/L	5	1.01	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	132%		
NAL13026-1757MS	T1-076	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	100%		
NAL13026-1757MS	T1-076	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	116%		
NAL13026-1757MS	T1-076	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	116%		
NAL13026-1757MS	T1-076	ORG 79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	128%		



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NAL13026-1757MS	T1-076	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	108%		
NAL13026-1757MS	T1-076	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		
NAL13026-1757MS	T1-076	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	116%		
NAL13026-1757MS	T1-076	ORG 95-63-6	1,2,4-Trimethylbenzene	290		ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		9.0
NAL13026-1757MS	T1-076	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		
NAL13026-1757MS	T1-076	ORG 541-73-1	1,3-Dichlorobenzene	280		ug/L	10	1.11	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		
NAL13026-1757MS	T1-076	ORG 99-87-6	p-Isopropyltoluene	320		ug/L	10	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	128%		
NAL13026-1757MS	T1-076	ORG 106-46-7	1,4-Dichlorobenzene	300		ug/L	10	1.65	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	120%		
NAL13026-1757MS	T1-076	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	112%		
NAL13026-1757MS	T1-076	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	115%		2.6
NAL13026-1757MS	T1-076	ORG 96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	128%		2.3
NAL13026-1757MS	T1-076	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	84%		350
NAL13026-1757MS	T1-076	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	107%		
NAL13026-1757MS	T1-076	ORG 91-20-3	Naphthalene	580		ug/L	25	2.80	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	92%		
NAL13026-1757MS	T1-076	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	250	96%		
NAL13026-1757MS	T1-076	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	50	104%		
NAL13026-1757MS	T1-076	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	50	94%		
NAL13026-1757MS	T1-076	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	50	94%		
NAL13026-1757MS	T1-076	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5428	50	108%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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NAL13026-1757MSD	T1-076	ORG 75-71-8	Dichlorodifluoromethane	280		ug/L	25	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	112%	4%	
NAL13026-1757MSD	T1-076	ORG 74-87-3	Chloromethane	260		ug/L	25	2.15	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	104%	4%	
NAL13026-1757MSD	T1-076	ORG 75-01-4	Vinyl chloride	280		ug/L	10	1.59	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	112%	4%	
NAL13026-1757MSD	T1-076	ORG 74-83-9	Bromomethane	330		ug/L	25	2.50	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	132%	3%	
NAL13026-1757MSD	T1-076	ORG 75-00-3	Chloroethane	290		ug/L	25	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	0%	
NAL13026-1757MSD	T1-076	ORG 75-69-4	Trichlorofluoromethane	630		ug/L	25	0.98	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	252%	47%	
NAL13026-1757MSD	T1-076	ORG 75-35-4	1,1-Dichloroethene	270		ug/L	5	2.36	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	4%	
NAL13026-1757MSD	T1-076	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 67-64-1	Acetone	40000		ug/L	50	7.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	-4400%	2%	51000
NAL13026-1757MSD	T1-076	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	104%	0%	
NAL13026-1757MSD	T1-076	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	96%	4%	
NAL13026-1757MSD	T1-076	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	104%	4%	
NAL13026-1757MSD	T1-076	ORG 156-59-2	cis-1,2-Dichloroethene	290		ug/L	5	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	7%	
NAL13026-1757MSD	T1-076	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	4%	
NAL13026-1757MSD	T1-076	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	104%	0%	
NAL13026-1757MSD	T1-076	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	112%	4%	
NAL13026-1757MSD	T1-076	ORG 78-93-3	2-Butanone	2000		ug/L	5	4.06	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	3600%	5%	11000
NAL13026-1757MSD	T1-076	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	0%	
NAL13026-1757MSD	T1-076	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	104%	0%	
NAL13026-1757MSD	T1-076	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	4%	
NAL13026-1757MSD	T1-076	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	0%	
NAL13026-1757MSD	T1-076	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	0%	
NAL13026-1757MSD	T1-076	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	4%	
NAL13026-1757MSD	T1-076	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 108-10-1	4-Methyl-2-pentanone	590		ug/L	25	3.70	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	96%	3%	350
NAL13026-1757MSD	T1-076	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	80%	5%	
NAL13026-1757MSD	T1-076	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	96%	0%	
NAL13026-1757MSD	T1-076	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	0%	
NAL13026-1757MSD	T1-076	ORG 591-78-6	2-Hexanone	330		ug/L	10	3.45	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	32%	6%	250
NAL13026-1757MSD	T1-076	ORG 100-41-4	Ethylbenzene	310		ug/L	5	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	124%	3%	
NAL13026-1757MSD	T1-076	ORG 108-90-7	Chlorobenzene	280		ug/L	5	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	111%	4%	1.8
NAL13026-1757MSD	T1-076	ORG 630-20-6	1,1,1,2-Tetrachloroethane	290		ug/L	10	0.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	4%	
NAL13026-1757MSD	T1-076	ORG XYLMP	p&m-Xylene	590		ug/L	10	1.31	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	500	118%	3%	
NAL13026-1757MSD	T1-076	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	127%	3%	1.6
NAL13026-1757MSD	T1-076	ORG 100-42-5	Styrene	330		ug/L	5	1.01	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	132%	0%	
NAL13026-1757MSD	T1-076	ORG 75-25-2	Bromoform	250		ug/L	10	2.34	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	100%	0%	
NAL13026-1757MSD	T1-076	ORG 98-82-8	Isopropylbenzene	300		ug/L	10	1.02	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	120%	3%	
NAL13026-1757MSD	T1-076	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	120%	3%	
NAL13026-1757MSD	T1-076	ORG 79-34-5	1,1,2,2-Tetrachloroethane	310		ug/L	10	1.46	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	124%	3%	



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NAL13026-1757MSD	T1-076	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	0%	
NAL13026-1757MSD	T1-076	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	4%	
NAL13026-1757MSD	T1-076	ORG 98-06-6	tert-Butylbenzene	300		ug/L	10	1.63	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	120%	3%	
NAL13026-1757MSD	T1-076	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	3%	9.0
NAL13026-1757MSD	T1-076	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	116%	4%	
NAL13026-1757MSD	T1-076	ORG 541-73-1	1,3-Dichlorobenzene	280		ug/L	10	1.11	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	112%	0%	
NAL13026-1757MSD	T1-076	ORG 99-87-6	p-Isopropyltoluene	320		ug/L	10	1.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	128%	0%	
NAL13026-1757MSD	T1-076	ORG 106-46-7	1,4-Dichlorobenzene	310		ug/L	10	1.65	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	124%	3%	
NAL13026-1757MSD	T1-076	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	108%	4%	
NAL13026-1757MSD	T1-076	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	115%	0%	2.6
NAL13026-1757MSD	T1-076	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	124%	3%	
NAL13026-1757MSD	T1-076	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	80%	5%	
NAL13026-1757MSD	T1-076	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	103%	4%	2.3
NAL13026-1757MSD	T1-076	ORG 91-20-3	Naphthalene	560		ug/L	25	2.80	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	84%	4%	350
NAL13026-1757MSD	T1-076	ORG 87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	250	96%	0%	
NAL13026-1757MSD	T1-076	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	50	104%	0%	
NAL13026-1757MSD	T1-076	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	50	94%	0%	
NAL13026-1757MSD	T1-076	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	50	94%	0%	
NAL13026-1757MSD	T1-076	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/24/2014	11/24/2014	11/24/2014	WG	5	NA	5.0	NA	SW8260B	NALD5429	50	108%	0%	



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FINAL ANALYTICAL REPORT

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Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1758	T1-077	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 67-64-1	Acetone	51000	D	ug/L	5000	778.04	11/25/2014	11/25/2014	11/25/2014	WG	500	NA	5.0	NA	SW8260B	NALD5441				
NAL13026-1758	T1-077	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 78-93-3	2-Butanone	8000	D	ug/L	5000	405.90	11/25/2014	11/25/2014	11/25/2014	WG	500	NA	5.0	NA	SW8260B	NALD5441				
NAL13026-1758	T1-077	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 71-43-2	Benzene	1.9	J	ug/L	5	0.68	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 108-10-1	4-Methyl-2-pentanone	340		ug/L	25	3.70	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 591-78-6	2-Hexanone	310		ug/L	25	3.45	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 100-41-4	Ethylbenzene	1.7	J	ug/L	5	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG XYLMP	p&m-Xylene	5.2	J	ug/L	10	1.31	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 95-47-6	o-Xylene	6.4	JX+	ug/L	5	0.64	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 100-42-5	Styrene	1.6	JX+	ug/L	5	1.01	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				



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NAL13026-1758	T1-077	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 95-63-6	1,2,4-Trimethylbenzene	50		ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 99-87-6	p-Isopropyltoluene	200		ug/L	10	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 106-46-7	1,4-Dichlorobenzene	160		ug/L	10	1.65	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 95-50-1	1,2-Dichlorobenzene	2.7	J	ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 104-51-8	n-Butylbenzene	5.6	J	ug/L	25	1.39	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 120-82-1	1,2,4-Trichlorobenzene	3.0	J	ug/L	25	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 91-20-3	Naphthalene	370		ug/L	25	2.80	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	ORG 87-61-6	1,2,3-Trichlorobenzene	1.4	J	ug/L	25	1.16	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442				
NAL13026-1758	T1-077	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442	50	98%		
NAL13026-1758	T1-077	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442	50	96%		
NAL13026-1758	T1-077	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442	50	96%		
NAL13026-1758	T1-077	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5442	50	110%		

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D112514CCVA	D112514CCVA	ORG 75-71-8	Dichlorodifluoromethane	53		ug/L	5	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	ORG 74-87-3	Chloromethane	46		ug/L	5	0.43	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	92%		
D112514CCVA	D112514CCVA	ORG 75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 74-83-9	Bromomethane	73		ug/L	5	0.50	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	146%		
D112514CCVA	D112514CCVA	ORG 75-00-3	Chloroethane	60		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	120%		
D112514CCVA	D112514CCVA	ORG 75-69-4	Trichlorofluoromethane	399		ug/L	5	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	798%		
D112514CCVA	D112514CCVA	ORG 75-35-4	1,1-Dichloroethene	60		ug/L	1	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	120%		
D112514CCVA	D112514CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	100%		
D112514CCVA	D112514CCVA	ORG 67-64-1	Acetone	42		ug/L	10	1.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	84%		
D112514CCVA	D112514CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	102%		
D112514CCVA	D112514CCVA	ORG 1634-04-4	MTBE	43		ug/L	5	0.61	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	86%		
D112514CCVA	D112514CCVA	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	112%		
D112514CCVA	D112514CCVA	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 67-66-3	Chloroform	53		ug/L	2	0.16	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	ORG 71-55-6	1,1,1-Trichloroethane	56		ug/L	1	0.17	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	112%		
D112514CCVA	D112514CCVA	ORG 78-93-3	2-Butanone	40		ug/L	1	0.81	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	80%		
D112514CCVA	D112514CCVA	ORG 56-23-5	Carbon tetrachloride	60		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	120%		
D112514CCVA	D112514CCVA	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	100%		
D112514CCVA	D112514CCVA	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	108%		
D112514CCVA	D112514CCVA	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	110%		
D112514CCVA	D112514CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	100%		
D112514CCVA	D112514CCVA	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 108-10-1	4-Methyl-2-pentanone	45		ug/L	5	0.74	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	90%		
D112514CCVA	D112514CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	98%		
D112514CCVA	D112514CCVA	ORG 127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	86%		
D112514CCVA	D112514CCVA	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	98%		
D112514CCVA	D112514CCVA	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	96%		
D112514CCVA	D112514CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	84%		
D112514CCVA	D112514CCVA	ORG 100-41-4	Ethylbenzene	60		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	120%		
D112514CCVA	D112514CCVA	ORG 108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	108%		
D112514CCVA	D112514CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	114%		
D112514CCVA	D112514CCVA	ORG XYLMP	p&m-Xylene	115		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	100	115%		
D112514CCVA	D112514CCVA	ORG 95-47-6	o-Xylene	62		ug/L	1	0.13	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	124%		
D112514CCVA	D112514CCVA	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	122%		
D112514CCVA	D112514CCVA	ORG 75-25-2	Bromoform	45		ug/L	2	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	90%		
D112514CCVA	D112514CCVA	ORG 98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	118%		
D112514CCVA	D112514CCVA	ORG 103-65-1	n-Propylbenzene	59		ug/L	2	0.27	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	118%		
D112514CCVA	D112514CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	96%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112514CCVA	D112514CCVA	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	96%		
D112514CCVA	D112514CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	112%		
D112514CCVA	D112514CCVA	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	114%		
D112514CCVA	D112514CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	110%		
D112514CCVA	D112514CCVA	ORG 135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	116%		
D112514CCVA	D112514CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	108%		
D112514CCVA	D112514CCVA	ORG 99-87-6	p-Isopropyltoluene	57		ug/L	2	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	114%		
D112514CCVA	D112514CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	108%		
D112514CCVA	D112514CCVA	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	116%		
D112514CCVA	D112514CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	46		ug/L	5	1.59	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	92%		
D112514CCVA	D112514CCVA	ORG 87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	110%		
D112514CCVA	D112514CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	108%		
D112514CCVA	D112514CCVA	ORG 91-20-3	Naphthalene	53		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	106%		
D112514CCVA	D112514CCVA	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	104%		
D112514CCVA	D112514CCVA	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	96%		
D112514CCVA	D112514CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	98%		
D112514CCVA	D112514CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5439	50	102%		



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D112514MBKA	D112514MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 67-66-3	Chloroform	U	ug/L	1	0.16	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						
D112514MBKA	D112514MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440						

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112514MBKA	D112514MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440				
D112514MBKA	D112514MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440	50	98%		
D112514MBKA	D112514MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440	50	102%		
D112514MBKA	D112514MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440	50	102%		
D112514MBKA	D112514MBKA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5440	50	104%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112514ALCS	D112514ALCS	ORG 75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	100%		
D112514ALCS	D112514ALCS	ORG 74-87-3	Chloromethane	46		ug/L	5	0.43	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	92%		
D112514ALCS	D112514ALCS	ORG 75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 74-83-9	Bromomethane	84		ug/L	5	0.50	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	168%		
D112514ALCS	D112514ALCS	ORG 75-00-3	Chloroethane	59		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	118%		
D112514ALCS	D112514ALCS	ORG 75-69-4	Trichlorofluoromethane	285		ug/L	5	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	570%		
D112514ALCS	D112514ALCS	ORG 75-35-4	1,1-Dichloroethene	58		ug/L	1	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	116%		
D112514ALCS	D112514ALCS	ORG 75-09-2	Methylene chloride	30		ug/L	5	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	60%		
D112514ALCS	D112514ALCS	ORG 67-64-1	Acetone	35		ug/L	10	1.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	70%		
D112514ALCS	D112514ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	33		ug/L	1	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	66%		
D112514ALCS	D112514ALCS	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	110%		
D112514ALCS	D112514ALCS	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	110%		
D112514ALCS	D112514ALCS	ORG 67-66-3	Chloroform	53		ug/L	2	0.16	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	112%		
D112514ALCS	D112514ALCS	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	102%		
D112514ALCS	D112514ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 78-87-5	1,2-Dichloropropane	54		ug/L	1	0.18	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	100%		
D112514ALCS	D112514ALCS	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	100%		
D112514ALCS	D112514ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	ORG 127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	84%		
D112514ALCS	D112514ALCS	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	96%		
D112514ALCS	D112514ALCS	ORG 106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	84%		
D112514ALCS	D112514ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	116%		
D112514ALCS	D112514ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	110%		
D112514ALCS	D112514ALCS	ORG XYLMP	p&m-Xylene	112		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	100	112%		
D112514ALCS	D112514ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	118%		
D112514ALCS	D112514ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	120%		
D112514ALCS	D112514ALCS	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	92%		
D112514ALCS	D112514ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	110%		
D112514ALCS	D112514ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	112%		
D112514ALCS	D112514ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	100%		

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D112514ALCS	D112514ALCS	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 98-06-6	tert-Butylbenzene	54		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	110%		
D112514ALCS	D112514ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		
D112514ALCS	D112514ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	112%		
D112514ALCS	D112514ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	96%		
D112514ALCS	D112514ALCS	ORG 87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	108%		
D112514ALCS	D112514ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	106%		
D112514ALCS	D112514ALCS	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	98%		
D112514ALCS	D112514ALCS	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	96%		
D112514ALCS	D112514ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5444	50	104%		



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Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112514ALCD	D112514ALCD	ORG 75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	11%	
D112514ALCD	D112514ALCD	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	100%	8%	
D112514ALCD	D112514ALCD	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	7%	
D112514ALCD	D112514ALCD	ORG 74-83-9	Bromomethane	77		ug/L	5	0.50	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	154%	9%	
D112514ALCD	D112514ALCD	ORG 75-00-3	Chloroethane	62		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	124%	5%	
D112514ALCD	D112514ALCD	ORG 75-69-4	Trichlorofluoromethane	384		ug/L	5	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	768%	30%	
D112514ALCD	D112514ALCD	ORG 75-35-4	1,1-Dichloroethene	65		ug/L	1	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	130%	11%	
D112514ALCD	D112514ALCD	ORG 75-09-2	Methylene chloride	52		ug/L	5	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	104%	54%	
D112514ALCD	D112514ALCD	ORG 67-64-1	Acetone	61		ug/L	10	1.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	122%	54%	
D112514ALCD	D112514ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	53		ug/L	1	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	106%	47%	
D112514ALCD	D112514ALCD	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	96%	2%	
D112514ALCD	D112514ALCD	ORG 75-34-3	1,1-Dichloroethane	54		ug/L	1	0.53	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	108%	4%	
D112514ALCD	D112514ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	4%	
D112514ALCD	D112514ALCD	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	110%	0%	
D112514ALCD	D112514ALCD	ORG 67-66-3	Chloroform	54		ug/L	2	0.16	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	108%	2%	
D112514ALCD	D112514ALCD	ORG 71-55-6	1,1,1-Trichloroethane	57		ug/L	1	0.17	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	7%	
D112514ALCD	D112514ALCD	ORG 78-93-3	2-Butanone	50		ug/L	1	0.81	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	100%	4%	
D112514ALCD	D112514ALCD	ORG 56-23-5	Carbon tetrachloride	61		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	122%	9%	
D112514ALCD	D112514ALCD	ORG 71-43-2	Benzene	54		ug/L	1	0.14	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	108%	4%	
D112514ALCD	D112514ALCD	ORG 107-06-2	1,2-Dichloroethane	53		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	106%	4%	
D112514ALCD	D112514ALCD	ORG 79-01-6	Trichloroethene	55		ug/L	1	0.36	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	110%	6%	
D112514ALCD	D112514ALCD	ORG 74-95-3	Dibromomethane	56		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	4%	
D112514ALCD	D112514ALCD	ORG 78-87-5	1,2-Dichloropropane	55		ug/L	1	0.18	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	110%	2%	
D112514ALCD	D112514ALCD	ORG 75-27-4	Bromodichloromethane	56		ug/L	2	0.12	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	4%	
D112514ALCD	D112514ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	102%	4%	
D112514ALCD	D112514ALCD	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	104%	4%	
D112514ALCD	D112514ALCD	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	102%	2%	
D112514ALCD	D112514ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	100%	2%	
D112514ALCD	D112514ALCD	ORG 127-18-4	Tetrachloroethene	45		ug/L	1	0.49	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	90%	7%	
D112514ALCD	D112514ALCD	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	102%	4%	
D112514ALCD	D112514ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	100%	4%	
D112514ALCD	D112514ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	110%	4%	
D112514ALCD	D112514ALCD	ORG 591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	92%	9%	
D112514ALCD	D112514ALCD	ORG 100-41-4	Ethylbenzene	61		ug/L	1	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	122%	5%	
D112514ALCD	D112514ALCD	ORG 108-90-7	Chlorobenzene	55		ug/L	1	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	110%	6%	
D112514ALCD	D112514ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	58		ug/L	2	0.19	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	116%	5%	
D112514ALCD	D112514ALCD	ORG XYLMP	p&m-Xylene	117		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	100	117%	4%	
D112514ALCD	D112514ALCD	ORG 95-47-6	o-Xylene	62		ug/L	1	0.13	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	124%	5%	
D112514ALCD	D112514ALCD	ORG 100-42-5	Styrene	62		ug/L	1	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	124%	3%	
D112514ALCD	D112514ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	96%	4%	
D112514ALCD	D112514ALCD	ORG 98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	118%	7%	
D112514ALCD	D112514ALCD	ORG 103-65-1	n-Propylbenzene	60		ug/L	2	0.27	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	120%	7%	
D112514ALCD	D112514ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	106%	6%	



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D112514ALCD	D112514ALCD	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	104%	6%	
D112514ALCD	D112514ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	57		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	5%	
D112514ALCD	D112514ALCD	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	5%	
D112514ALCD	D112514ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	6%	
D112514ALCD	D112514ALCD	ORG 135-98-8	sec-Butylbenzene	59		ug/L	2	0.32	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	118%	7%	
D112514ALCD	D112514ALCD	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	6%	
D112514ALCD	D112514ALCD	ORG 99-87-6	p-Isopropyltoluene	57		ug/L	2	0.25	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	5%	
D112514ALCD	D112514ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	108%	4%	
D112514ALCD	D112514ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	6%	
D112514ALCD	D112514ALCD	ORG 104-51-8	n-Butylbenzene	60		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	120%	7%	
D112514ALCD	D112514ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	104%	8%	
D112514ALCD	D112514ALCD	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	5%	
D112514ALCD	D112514ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	114%	5%	
D112514ALCD	D112514ALCD	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	116%	7%	
D112514ALCD	D112514ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	112%	6%	
D112514ALCD	D112514ALCD	STD 1868-53-7	Dibromofluoromethane	53		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	106%	0%	
D112514ALCD	D112514ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	96%	2%	
D112514ALCD	D112514ALCD	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	96%	0%	
D112514ALCD	D112514ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/25/2014	11/25/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5445	50	104%	0%	



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NAL13026-1758MS	T1-077	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	100%		
NAL13026-1758MS	T1-077	ORG 74-87-3	Chloromethane	240		ug/L	25	2.15	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	96%		
NAL13026-1758MS	T1-077	ORG 75-01-4	Vinyl chloride	260		ug/L	10	1.59	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 74-83-9	Bromomethane	360		ug/L	25	2.50	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	144%		
NAL13026-1758MS	T1-077	ORG 75-00-3	Chloroethane	300		ug/L	25	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	120%		
NAL13026-1758MS	T1-077	ORG 75-69-4	Trichlorofluoromethane	770		ug/L	25	0.98	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	308%		
NAL13026-1758MS	T1-077	ORG 75-35-4	1,1-Dichloroethene	290		ug/L	5	2.36	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	100%		
NAL13026-1758MS	T1-077	ORG 67-64-1	Acetone	40000		ug/L	50	7.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	-4400%		51000
NAL13026-1758MS	T1-077	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	96%		
NAL13026-1758MS	T1-077	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		
NAL13026-1758MS	T1-077	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		
NAL13026-1758MS	T1-077	ORG 78-93-3	2-Butanone	19000		ug/L	5	4.06	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	4400%		8000
NAL13026-1758MS	T1-077	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	107%		1.9
NAL13026-1758MS	T1-077	ORG 107-06-2	1,2-Dichloroethane	260		ug/L	5	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		
NAL13026-1758MS	T1-077	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		
NAL13026-1758MS	T1-077	ORG 78-87-5	1,2-Dichloropropane	280		ug/L	5	0.91	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		
NAL13026-1758MS	T1-077	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		
NAL13026-1758MS	T1-077	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	96%		
NAL13026-1758MS	T1-077	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	100%		
NAL13026-1758MS	T1-077	ORG 108-10-1	4-Methyl-2-pentanone	630		ug/L	25	3.70	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		340
NAL13026-1758MS	T1-077	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	96%		
NAL13026-1758MS	T1-077	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	80%		
NAL13026-1758MS	T1-077	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	100%		
NAL13026-1758MS	T1-077	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	96%		
NAL13026-1758MS	T1-077	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		
NAL13026-1758MS	T1-077	ORG 591-78-6	2-Hexanone	450		ug/L	10	3.45	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	56%		310
NAL13026-1758MS	T1-077	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	119%		1.7
NAL13026-1758MS	T1-077	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		
NAL13026-1758MS	T1-077	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	500	113%		5.2
NAL13026-1758MS	T1-077	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	125%		6.4
NAL13026-1758MS	T1-077	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	127%		1.6
NAL13026-1758MS	T1-077	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	92%		
NAL13026-1758MS	T1-077	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	120%		



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1758MS	T1-077	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		
NAL13026-1758MS	T1-077	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		
NAL13026-1758MS	T1-077	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		50
NAL13026-1758MS	T1-077	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	116%		
NAL13026-1758MS	T1-077	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		
NAL13026-1758MS	T1-077	ORG 99-87-6	p-Isopropyltoluene	480		ug/L	10	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	112%		200
NAL13026-1758MS	T1-077	ORG 106-46-7	1,4-Dichlorobenzene	420		ug/L	10	1.65	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	104%		160
NAL13026-1758MS	T1-077	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	107%		2.7
NAL13026-1758MS	T1-077	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	114%		5.6
NAL13026-1758MS	T1-077	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	120%		
NAL13026-1758MS	T1-077	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	80%		
NAL13026-1758MS	T1-077	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	103%		3.0
NAL13026-1758MS	T1-077	ORG 91-20-3	Naphthalene	640		ug/L	25	2.80	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	108%		370
NAL13026-1758MS	T1-077	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	250	91%		1.4
NAL13026-1758MS	T1-077	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	50	104%		
NAL13026-1758MS	T1-077	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	50	94%		
NAL13026-1758MS	T1-077	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	50	94%		
NAL13026-1758MS	T1-077	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5446	50	106%		

FINAL ANALYTICAL REPORT

Republic Services
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 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1758MSD	T1-077	ORG 75-71-8	Dichlorodifluoromethane	260		ug/L	25	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	4%	
NAL13026-1758MSD	T1-077	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 75-01-4	Vinyl chloride	280		ug/L	10	1.59	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	7%	
NAL13026-1758MSD	T1-077	ORG 74-83-9	Bromomethane	380		ug/L	25	2.50	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	152%	5%	
NAL13026-1758MSD	T1-077	ORG 75-00-3	Chloroethane	280		ug/L	25	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	7%	
NAL13026-1758MSD	T1-077	ORG 75-69-4	Trichlorofluoromethane	810		ug/L	25	0.98	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	324%	5%	
NAL13026-1758MSD	T1-077	ORG 75-35-4	1,1-Dichloroethene	290		ug/L	5	2.36	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	0%	
NAL13026-1758MSD	T1-077	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	0%	
NAL13026-1758MSD	T1-077	ORG 67-64-1	Acetone	39000		ug/L	50	7.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	-4800%	3%	51000
NAL13026-1758MSD	T1-077	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 1634-04-4	MTBE	240		ug/L	25	3.06	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	96%	0%	
NAL13026-1758MSD	T1-077	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	0%	
NAL13026-1758MSD	T1-077	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	0%	
NAL13026-1758MSD	T1-077	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	0%	
NAL13026-1758MSD	T1-077	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	0%	
NAL13026-1758MSD	T1-077	ORG 78-93-3	2-Butanone	19000		ug/L	5	4.06	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	4400%	0%	8000
NAL13026-1758MSD	T1-077	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	0%	
NAL13026-1758MSD	T1-077	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	103%	4%	1.9
NAL13026-1758MSD	T1-077	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	0%	
NAL13026-1758MSD	T1-077	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	4%	
NAL13026-1758MSD	T1-077	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	4%	
NAL13026-1758MSD	T1-077	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	0%	
NAL13026-1758MSD	T1-077	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	0%	
NAL13026-1758MSD	T1-077	ORG 108-10-1	4-Methyl-2-pentanone	620		ug/L	25	3.70	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	2%	340
NAL13026-1758MSD	T1-077	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	96%	0%	
NAL13026-1758MSD	T1-077	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	80%	0%	
NAL13026-1758MSD	T1-077	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	0%	
NAL13026-1758MSD	T1-077	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	96%	0%	
NAL13026-1758MSD	T1-077	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	0%	
NAL13026-1758MSD	T1-077	ORG 591-78-6	2-Hexanone	450		ug/L	10	3.45	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	56%	0%	310
NAL13026-1758MSD	T1-077	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	119%	0%	1.7
NAL13026-1758MSD	T1-077	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	0%	
NAL13026-1758MSD	T1-077	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	0%	
NAL13026-1758MSD	T1-077	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	500	113%	0%	5.2
NAL13026-1758MSD	T1-077	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	125%	0%	6.4
NAL13026-1758MSD	T1-077	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	127%	0%	1.6
NAL13026-1758MSD	T1-077	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	96%	4%	
NAL13026-1758MSD	T1-077	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	0%	
NAL13026-1758MSD	T1-077	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	0%	
NAL13026-1758MSD	T1-077	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	3%	



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NAL13026-1758MSD	T1-077	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	100%	4%	
NAL13026-1758MSD	T1-077	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	0%	
NAL13026-1758MSD	T1-077	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	4%	
NAL13026-1758MSD	T1-077	ORG 95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	112%	3%	50
NAL13026-1758MSD	T1-077	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	0%	
NAL13026-1758MSD	T1-077	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	0%	
NAL13026-1758MSD	T1-077	ORG 99-87-6	p-Isopropyltoluene	470		ug/L	10	1.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	108%	2%	200
NAL13026-1758MSD	T1-077	ORG 106-46-7	1,4-Dichlorobenzene	420		ug/L	10	1.65	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	0%	160
NAL13026-1758MSD	T1-077	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	107%	0%	2.7
NAL13026-1758MSD	T1-077	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	114%	0%	5.6
NAL13026-1758MSD	T1-077	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	116%	3%	
NAL13026-1758MSD	T1-077	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	80%	0%	
NAL13026-1758MSD	T1-077	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	103%	0%	3.00
NAL13026-1758MSD	T1-077	ORG 91-20-3	Naphthalene	630		ug/L	25	2.80	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	104%	2%	370
NAL13026-1758MSD	T1-077	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	250	91%	0%	1.4
NAL13026-1758MSD	T1-077	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	50	104%	0%	
NAL13026-1758MSD	T1-077	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	50	96%	2%	
NAL13026-1758MSD	T1-077	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	50	94%	0%	
NAL13026-1758MSD	T1-077	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/25/2014	11/25/2014	11/25/2014	WG	5	NA	5.0	NA	SW8260B	NALD5447	50	108%	2%	

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NAL13026-1759	T1-78	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 67-64-1	Acetone	69000	DX-	ug/L	5000	778.04	11/26/2014	11/26/2014	11/26/2014	WG	500	NA	5.0	NA	SW8260B	NALD5452				
NAL13026-1759	T1-78	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 78-93-3	2-Butanone	7100	D	ug/L	5000	405.90	11/26/2014	11/26/2014	11/26/2014	WG	500	NA	5.0	NA	SW8260B	NALD5452				
NAL13026-1759	T1-78	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 71-43-2	Benzene		U	ug/L	5	0.68	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 108-10-1	4-Methyl-2-pentanone	360		ug/L	25	3.70	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 591-78-6	2-Hexanone	220		ug/L	25	3.45	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 100-41-4	Ethylbenzene		U	ug/L	5	1.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 108-90-7	Chlorobenzene	1.6	J	ug/L	5	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG XYLMP	p&m-Xylene	1.6	J	ug/L	10	1.31	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 95-47-6	o-Xylene	2.8	J	ug/L	5	0.64	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 100-42-5	Styrene		U	ug/L	5	1.01	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				



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NAL13026-1759	T1-78	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 95-63-6	1,2,4-Trimethylbenzene	19		ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 99-87-6	p-Isopropyltoluene	80		ug/L	10	1.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 106-46-7	1,4-Dichlorobenzene	76		ug/L	10	1.65	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 95-50-1	1,2-Dichlorobenzene	1.7	J	ug/L	10	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 104-51-8	n-Butylbenzene	3.5	J	ug/L	25	1.39	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 120-82-1	1,2,4-Trichlorobenzene	3.0	J	ug/L	25	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 91-20-3	Naphthalene	370		ug/L	25	2.80	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	ORG 87-61-6	1,2,3-Trichlorobenzene	1.3	J	ug/L	25	1.16	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453				
NAL13026-1759	T1-78	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453	50	98%		
NAL13026-1759	T1-78	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453	50	98%		
NAL13026-1759	T1-78	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453	50	96%		
NAL13026-1759	T1-78	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5453	50	110%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112614CCVA	D112614CCVA	ORG 75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	112%		
D112614CCVA	D112614CCVA	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	100%		
D112614CCVA	D112614CCVA	ORG 75-01-4	Vinyl chloride	58		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	116%		
D112614CCVA	D112614CCVA	ORG 74-83-9	Bromomethane	71		ug/L	5	0.50	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	142%		
D112614CCVA	D112614CCVA	ORG 75-00-3	Chloroethane	59		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	118%		
D112614CCVA	D112614CCVA	ORG 75-69-4	Trichlorofluoromethane	82		ug/L	5	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	164%		
D112614CCVA	D112614CCVA	ORG 75-35-4	1,1-Dichloroethene	43		ug/L	1	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	86%		
D112614CCVA	D112614CCVA	ORG 75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 67-64-1	Acetone	38		ug/L	10	1.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	76%		
D112614CCVA	D112614CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	51		ug/L	1	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		
D112614CCVA	D112614CCVA	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	104%		
D112614CCVA	D112614CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	112%		
D112614CCVA	D112614CCVA	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	104%		
D112614CCVA	D112614CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	110%		
D112614CCVA	D112614CCVA	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	106%		
D112614CCVA	D112614CCVA	ORG 56-23-5	Carbon tetrachloride	59		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	118%		
D112614CCVA	D112614CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	104%		
D112614CCVA	D112614CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	98%		
D112614CCVA	D112614CCVA	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	106%		
D112614CCVA	D112614CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	106%		
D112614CCVA	D112614CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	98%		
D112614CCVA	D112614CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	100%		
D112614CCVA	D112614CCVA	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		
D112614CCVA	D112614CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	78%		
D112614CCVA	D112614CCVA	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	94%		
D112614CCVA	D112614CCVA	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		
D112614CCVA	D112614CCVA	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 591-78-6	2-Hexanone	41		ug/L	2	0.69	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	82%		
D112614CCVA	D112614CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	116%		
D112614CCVA	D112614CCVA	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	110%		
D112614CCVA	D112614CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	100	110%		
D112614CCVA	D112614CCVA	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	118%		
D112614CCVA	D112614CCVA	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	120%		
D112614CCVA	D112614CCVA	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	92%		
D112614CCVA	D112614CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	114%		
D112614CCVA	D112614CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	114%		
D112614CCVA	D112614CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		



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D112614CCVA	D112614CCVA	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		
D112614CCVA	D112614CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	114%		
D112614CCVA	D112614CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	114%		
D112614CCVA	D112614CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	112%		
D112614CCVA	D112614CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	104%		
D112614CCVA	D112614CCVA	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	118%		
D112614CCVA	D112614CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	46		ug/L	5	1.59	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	92%		
D112614CCVA	D112614CCVA	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	116%		
D112614CCVA	D112614CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	108%		
D112614CCVA	D112614CCVA	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	100%		
D112614CCVA	D112614CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		
D112614CCVA	D112614CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	92%		
D112614CCVA	D112614CCVA	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	96%		
D112614CCVA	D112614CCVA	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5449	50	102%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112614MBKA	D112614MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 100-42-2	Styrene	U		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				



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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112614MBKA	D112614MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451				
D112614MBKA	D112614MBKA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451	50	100%		
D112614MBKA	D112614MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451	50	102%		
D112614MBKA	D112614MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451	50	102%		
D112614MBKA	D112614MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5451	50	106%		

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112614ALCS	D112614ALCS	ORG 75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		
D112614ALCS	D112614ALCS	ORG 74-87-3	Chloromethane	48		ug/L	5	0.43	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	96%		
D112614ALCS	D112614ALCS	ORG 75-01-4	Vinyl chloride	53		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 74-83-9	Bromomethane	67		ug/L	5	0.50	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	134%		
D112614ALCS	D112614ALCS	ORG 75-00-3	Chloroethane	57		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	114%		
D112614ALCS	D112614ALCS	ORG 75-69-4	Trichlorofluoromethane	91		ug/L	5	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	182%		
D112614ALCS	D112614ALCS	ORG 75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	92%		
D112614ALCS	D112614ALCS	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 67-64-1	Acetone	54		ug/L	10	1.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	50		ug/L	1	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 1634-04-4	MTBE	50		ug/L	5	0.61	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	102%		
D112614ALCS	D112614ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	110%		
D112614ALCS	D112614ALCS	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	102%		
D112614ALCS	D112614ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 78-93-3	2-Butanone	54		ug/L	1	0.81	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	114%		
D112614ALCS	D112614ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	102%		
D112614ALCS	D112614ALCS	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		
D112614ALCS	D112614ALCS	ORG 74-95-3	Dibromomethane	54		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		
D112614ALCS	D112614ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	48		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	96%		
D112614ALCS	D112614ALCS	ORG 108-88-3	Toluene	49		ug/L	1	0.21	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	98%		
D112614ALCS	D112614ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	98%		
D112614ALCS	D112614ALCS	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	78%		
D112614ALCS	D112614ALCS	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	98%		
D112614ALCS	D112614ALCS	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	98%		
D112614ALCS	D112614ALCS	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		
D112614ALCS	D112614ALCS	ORG 591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	100%		
D112614ALCS	D112614ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	100	110%		
D112614ALCS	D112614ALCS	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	116%		
D112614ALCS	D112614ALCS	ORG 100-42-5	Styrene	58		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	116%		
D112614ALCS	D112614ALCS	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	96%		
D112614ALCS	D112614ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	110%		
D112614ALCS	D112614ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112614ALCS	D112614ALCS	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	102%		
D112614ALCS	D112614ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	110%		
D112614ALCS	D112614ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	110%		
D112614ALCS	D112614ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	102%		
D112614ALCS	D112614ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	106%		
D112614ALCS	D112614ALCS	ORG 104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	57		ug/L	5	1.59	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	114%		
D112614ALCS	D112614ALCS	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	112%		
D112614ALCS	D112614ALCS	ORG 91-20-3	Naphthalene	58		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	116%		
D112614ALCS	D112614ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	108%		
D112614ALCS	D112614ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		
D112614ALCS	D112614ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	96%		
D112614ALCS	D112614ALCS	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	94%		
D112614ALCS	D112614ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5450	50	104%		



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D112614ALCD	D112614ALCD	ORG 75-71-8	Dichlorodifluoromethane	55		ug/L	5	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	6%	
D112614ALCD	D112614ALCD	ORG 74-87-3	Chloromethane	49		ug/L	5	0.43	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	98%	2%	
D112614ALCD	D112614ALCD	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	112%	6%	
D112614ALCD	D112614ALCD	ORG 74-83-9	Bromomethane	59		ug/L	5	0.50	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	118%	13%	
D112614ALCD	D112614ALCD	ORG 75-00-3	Chloroethane	61		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	122%	7%	
D112614ALCD	D112614ALCD	ORG 75-69-4	Trichlorofluoromethane	83		ug/L	5	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	166%	9%	
D112614ALCD	D112614ALCD	ORG 75-35-4	1,1-Dichloroethene	51		ug/L	1	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	102%	10%	
D112614ALCD	D112614ALCD	ORG 75-09-2	Methylene chloride	52		ug/L	5	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	104%	4%	
D112614ALCD	D112614ALCD	ORG 67-64-1	Acetone	55		ug/L	10	1.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	2%	
D112614ALCD	D112614ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	53		ug/L	1	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	106%	6%	
D112614ALCD	D112614ALCD	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	98%	2%	
D112614ALCD	D112614ALCD	ORG 75-34-3	1,1-Dichloroethane	53		ug/L	1	0.53	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	106%	4%	
D112614ALCD	D112614ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	114%	4%	
D112614ALCD	D112614ALCD	ORG 74-97-5	Bromochloromethane	55		ug/L	10	0.41	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	4%	
D112614ALCD	D112614ALCD	ORG 67-66-3	Chloroform	54		ug/L	2	0.16	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	108%	6%	
D112614ALCD	D112614ALCD	ORG 71-55-6	1,1,1-Trichloroethane	56		ug/L	1	0.17	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	112%	6%	
D112614ALCD	D112614ALCD	ORG 78-93-3	2-Butanone	54		ug/L	1	0.81	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	108%	0%	
D112614ALCD	D112614ALCD	ORG 56-23-5	Carbon tetrachloride	60		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	120%	5%	
D112614ALCD	D112614ALCD	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	106%	4%	
D112614ALCD	D112614ALCD	ORG 107-06-2	1,2-Dichloroethane	52		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	104%	4%	
D112614ALCD	D112614ALCD	ORG 79-01-6	Trichloroethene	55		ug/L	1	0.36	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	6%	
D112614ALCD	D112614ALCD	ORG 74-95-3	Dibromomethane	55		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	2%	
D112614ALCD	D112614ALCD	ORG 78-87-5	1,2-Dichloropropane	55		ug/L	1	0.18	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	4%	
D112614ALCD	D112614ALCD	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	6%	
D112614ALCD	D112614ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	100%	4%	
D112614ALCD	D112614ALCD	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	104%	6%	
D112614ALCD	D112614ALCD	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	112%	0%	
D112614ALCD	D112614ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	100%	2%	
D112614ALCD	D112614ALCD	ORG 127-18-4	Tetrachloroethene	45		ug/L	1	0.49	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	90%	14%	
D112614ALCD	D112614ALCD	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	102%	4%	
D112614ALCD	D112614ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	100%	2%	
D112614ALCD	D112614ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	110%	6%	
D112614ALCD	D112614ALCD	ORG 591-78-6	2-Hexanone	49		ug/L	2	0.69	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	98%	2%	
D112614ALCD	D112614ALCD	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	118%	5%	
D112614ALCD	D112614ALCD	ORG 108-90-7	Chlorobenzene	53		ug/L	1	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	106%	6%	
D112614ALCD	D112614ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	112%	4%	
D112614ALCD	D112614ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	100	110%	0%	
D112614ALCD	D112614ALCD	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	120%	3%	
D112614ALCD	D112614ALCD	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	120%	3%	
D112614ALCD	D112614ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	96%	0%	
D112614ALCD	D112614ALCD	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	114%	4%	
D112614ALCD	D112614ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	116%	4%	
D112614ALCD	D112614ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5455	50	106%	2%	



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D112614ALCD	D112614ALCD	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	106%	4%	
D112614ALCD	D112614ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	110%	4%	
D112614ALCD	D112614ALCD	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	112%	2%	
D112614ALCD	D112614ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	110%	4%	
D112614ALCD	D112614ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	114%	4%	
D112614ALCD	D112614ALCD	ORG 541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	112%	6%	
D112614ALCD	D112614ALCD	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	112%	4%	
D112614ALCD	D112614ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	108%	6%	
D112614ALCD	D112614ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	112%	6%	
D112614ALCD	D112614ALCD	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	118%	5%	
D112614ALCD	D112614ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	56		ug/L	5	1.59	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	112%	2%	
D112614ALCD	D112614ALCD	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	114%	2%	
D112614ALCD	D112614ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	114%	2%	
D112614ALCD	D112614ALCD	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	118%	2%	
D112614ALCD	D112614ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	110%	2%	
D112614ALCD	D112614ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	104%	0%	
D112614ALCD	D112614ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	96%	0%	
D112614ALCD	D112614ALCD	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	96%	2%	
D112614ALCD	D112614ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/26/2014	11/26/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5455	50	102%	2%	



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FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Table with 23 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. Contains 40 rows of analytical data for various compounds like Dichlorodifluoromethane, Chloromethane, Vinyl chloride, etc.



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1759MS	T1-78	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	104%		
NAL13026-1759MS	T1-78	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	108%		
NAL13026-1759MS	T1-78	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	112%		
NAL13026-1759MS	T1-78	ORG 95-63-6	1,2,4-Trimethylbenzene	290		ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	108%		19
NAL13026-1759MS	T1-78	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	112%		
NAL13026-1759MS	T1-78	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	104%		
NAL13026-1759MS	T1-78	ORG 99-87-6	p-Isopropyltoluene	360		ug/L	10	1.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	112%		80
NAL13026-1759MS	T1-78	ORG 106-46-7	1,4-Dichlorobenzene	330		ug/L	10	1.65	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	102%		76
NAL13026-1759MS	T1-78	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	103%		1.7
NAL13026-1759MS	T1-78	ORG 104-51-8	n-Butylbenzene	280		ug/L	25	1.39	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	111%		3.5
NAL13026-1759MS	T1-78	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	120%		
NAL13026-1759MS	T1-78	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	80%		
NAL13026-1759MS	T1-78	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	99%		3.0
NAL13026-1759MS	T1-78	ORG 91-20-3	Naphthalene	620		ug/L	25	2.80	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	100%		370
NAL13026-1759MS	T1-78	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	250	87%		1.3
NAL13026-1759MS	T1-78	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	50	104%		
NAL13026-1759MS	T1-78	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	50	94%		
NAL13026-1759MS	T1-78	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	50	94%		
NAL13026-1759MS	T1-78	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5456	50	108%		



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NAL13026-1759MSD	T1-78	ORG 75-71-8	Dichlorodifluoromethane	260		ug/L	25	1.46	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	0%	
NAL13026-1759MSD	T1-78	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 75-01-4	Vinyl chloride	270		ug/L	10	1.59	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	108%	0%	
NAL13026-1759MSD	T1-78	ORG 74-83-9	Bromomethane	340		ug/L	25	2.50	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	136%	6%	
NAL13026-1759MSD	T1-78	ORG 75-00-3	Chloroethane	280		ug/L	25	2.78	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	4%	
NAL13026-1759MSD	T1-78	ORG 75-69-4	Trichlorofluoromethane	510		ug/L	25	0.98	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	204%	15%	
NAL13026-1759MSD	T1-78	ORG 75-35-4	1,1-Dichloroethene	250		ug/L	5	2.36	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 67-64-1	Acetone	41000		ug/L	50	7.78	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	#####	5%	69000
NAL13026-1759MSD	T1-78	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	0%	
NAL13026-1759MSD	T1-78	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	4%	
NAL13026-1759MSD	T1-78	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	4%	
NAL13026-1759MSD	T1-78	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	4%	
NAL13026-1759MSD	T1-78	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	4%	
NAL13026-1759MSD	T1-78	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	4%	
NAL13026-1759MSD	T1-78	ORG 78-93-3	2-Butanone	20000		ug/L	5	4.06	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	5160%	11%	7100
NAL13026-1759MSD	T1-78	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	116%	4%	
NAL13026-1759MSD	T1-78	ORG 71-43-2	Benzene	260		ug/L	5	0.68	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	4%	
NAL13026-1759MSD	T1-78	ORG 107-06-2	1,2-Dichloroethane	250		ug/L	5	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	108%	4%	
NAL13026-1759MSD	T1-78	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	7%	
NAL13026-1759MSD	T1-78	ORG 78-87-5	1,2-Dichloropropane	280		ug/L	5	0.91	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	7%	
NAL13026-1759MSD	T1-78	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	108%	8%	
NAL13026-1759MSD	T1-78	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 108-10-1	4-Methyl-2-pentanone	640		ug/L	25	3.70	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	8%	360
NAL13026-1759MSD	T1-78	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	80%	5%	
NAL13026-1759MSD	T1-78	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	100%	4%	
NAL13026-1759MSD	T1-78	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	96%	4%	
NAL13026-1759MSD	T1-78	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	108%	4%	
NAL13026-1759MSD	T1-78	ORG 591-78-6	2-Hexanone	310		ug/L	10	3.45	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	36%	7%	220
NAL13026-1759MSD	T1-78	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	120%	7%	
NAL13026-1759MSD	T1-78	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	107%	4%	1.6
NAL13026-1759MSD	T1-78	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	7%	
NAL13026-1759MSD	T1-78	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	500	114%	4%	1.6
NAL13026-1759MSD	T1-78	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	127%	6%	2.8
NAL13026-1759MSD	T1-78	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	128%	3%	
NAL13026-1759MSD	T1-78	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	96%	4%	
NAL13026-1759MSD	T1-78	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	116%	4%	
NAL13026-1759MSD	T1-78	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	120%	7%	
NAL13026-1759MSD	T1-78	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	120%	3%	

Confidential
D112614AKCF

D112614AKCF



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

B = Analyte is found in the associated blank as well as in the sample.

D = Compound identified in an analysis at a secondary dilution factor.

E = Compound's concentration exceeds the calibration range of the instrument at this dilution.

X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.

J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1759MSD	T1-78	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	104%	0%	
NAL13026-1759MSD	T1-78	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	4%	
NAL13026-1759MSD	T1-78	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	116%	4%	
NAL13026-1759MSD	T1-78	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	3%	19
NAL13026-1759MSD	T1-78	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	112%	0%	
NAL13026-1759MSD	T1-78	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	108%	4%	
NAL13026-1759MSD	T1-78	ORG 99-87-6	p-Isopropyltoluene	370		ug/L	10	1.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	116%	3%	80
NAL13026-1759MSD	T1-78	ORG 106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	110%	6%	76
NAL13026-1759MSD	T1-78	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	107%	4%	1.7
NAL13026-1759MSD	T1-78	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	115%	4%	3.5
NAL13026-1759MSD	T1-78	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	124%	3%	
NAL13026-1759MSD	T1-78	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	76%	5%	
NAL13026-1759MSD	T1-78	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	103%	4%	3.0
NAL13026-1759MSD	T1-78	ORG 91-20-3	Naphthalene	660		ug/L	25	2.80	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	116%	6%	370
NAL13026-1759MSD	T1-78	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	250	91%	4%	1.3
NAL13026-1759MSD	T1-78	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	50	104%	0%	
NAL13026-1759MSD	T1-78	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	50	96%	2%	
NAL13026-1759MSD	T1-78	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	50	94%	0%	
NAL13026-1759MSD	T1-78	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/26/2014	11/26/2014	11/26/2014	WG	5	NA	5.0	NA	SW8260B	NALD5457	50	108%	0%	

December 09, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-075
Pace Project No.: 60183239

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183239001	T1-075	Water	11/23/14 13:00	11/24/14 15:05
60183239002	TRIP BLANK	Water	11/23/14 13:00	11/24/14 15:05

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183239001	T1-075	EPA 200.7	NDJ	15
		EPA 200.7	NDJ	15
		EPA 245.1	ZBM	1
		EPA 245.1	ZBM	1
		EPA 625	JMT	18
		EPA 624 Low	PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183239002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Sample: T1-075	Lab ID: 60183239001	Collected: 11/23/14 13:00	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	22200	ug/L	375	1	12/01/14 10:30	12/01/14 15:46	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:46	7440-36-0	
Arsenic	738	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:46	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/01/14 10:30	12/01/14 15:46	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:46	7440-43-9	
Chromium	226	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:46	7440-47-3	
Cobalt	37.9	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:46	7440-48-4	
Copper	76.4	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:46	7440-50-8	
Iron	629000	ug/L	250	1	12/01/14 10:30	12/01/14 15:46	7439-89-6	
Lead	77.6	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:46	7439-92-1	
Nickel	92.9	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:46	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/01/14 10:30	12/01/14 15:46	7782-49-2	
Silver	ND	ug/L	35.0	1	12/01/14 10:30	12/01/14 15:46	7440-22-4	
Thallium	ND	ug/L	100	1	12/01/14 10:30	12/01/14 15:46	7440-28-0	
Zinc	5160	ug/L	250	1	12/01/14 10:30	12/01/14 15:46	7440-66-6	
200.7 Metals, Dissolved (LF) Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	ND	ug/L	375	1	11/26/14 11:20	11/26/14 17:02	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	11/26/14 11:20	11/26/14 17:02	7440-36-0	
Arsenic, Dissolved	436	ug/L	50.0	1	11/26/14 11:20	11/26/14 17:02	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	11/26/14 11:20	11/26/14 17:02	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	11/26/14 11:20	11/26/14 17:02	7440-43-9	
Chromium, Dissolved	74.4	ug/L	25.0	1	11/26/14 11:20	11/26/14 17:02	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	11/26/14 11:20	11/26/14 17:02	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	11/26/14 11:20	11/26/14 17:02	7440-50-8	
Iron, Dissolved	17000	ug/L	250	1	11/26/14 11:20	11/26/14 17:02	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	11/26/14 11:20	11/26/14 17:02	7439-92-1	
Nickel, Dissolved	60.0	ug/L	25.0	1	11/26/14 11:20	11/26/14 17:02	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	11/26/14 11:20	11/26/14 17:02	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	11/26/14 11:20	11/26/14 17:02	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	11/26/14 11:20	11/26/14 17:02	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	11/26/14 11:20	11/26/14 17:02	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	19.9	ug/L	6.0	1	11/26/14 09:40	11/26/14 12:43	7439-97-6	
245.1 Mercury, Dissolved (LF) Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND	ug/L	6.0	1	11/26/14 09:40	11/26/14 13:14	7439-97-6	
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/25/14 00:00	11/26/14 13:16	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/25/14 00:00	11/26/14 13:16	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/25/14 00:00	11/26/14 13:16	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/25/14 00:00	11/26/14 13:16	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/25/14 00:00	11/26/14 13:16	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2890	ug/L	2000	1	11/25/14 00:00	11/26/14 13:16		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Sample: T1-075	Lab ID: 60183239001	Collected: 11/23/14 13:00	Received: 11/24/14 15:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/25/14 00:00	11/26/14 13:16	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/25/14 00:00	11/26/14 13:16	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/25/14 00:00	11/26/14 13:16	87-86-5	
Phenol	5490 ug/L		500	1	11/25/14 00:00	11/26/14 13:16	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/25/14 00:00	11/26/14 13:16	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/25/14 00:00	11/26/14 13:16	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98 %		33-120	1	11/25/14 00:00	11/26/14 13:16	4165-60-0	
2-Fluorobiphenyl (S)	88 %		39-120	1	11/25/14 00:00	11/26/14 13:16	321-60-8	
Terphenyl-d14 (S)	97 %		45-120	1	11/25/14 00:00	11/26/14 13:16	1718-51-0	
Phenol-d6 (S)	47 %		11-120	1	11/25/14 00:00	11/26/14 13:16	13127-88-3	
2-Fluorophenol (S)	69 %		17-120	1	11/25/14 00:00	11/26/14 13:16	367-12-4	
2,4,6-Tribromophenol (S)	100 %		39-120	1	11/25/14 00:00	11/26/14 13:16	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	110000 ug/L		2500	250		11/26/14 17:36	67-64-1	N2
Benzene	ND ug/L		100	100		11/26/14 08:07	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/26/14 08:07	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 08:07	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 08:07	74-83-9	
2-Butanone (MEK)	42700 ug/L		1000	100		11/26/14 08:07	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 08:07	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 08:07	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 08:07	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/26/14 08:07	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 08:07	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 08:07	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 08:07	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 08:07	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 08:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 08:07	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 08:07	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 08:07	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 08:07	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 08:07	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 08:07	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 08:07	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 08:07	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 08:07	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/26/14 08:07	460-00-4	
Toluene-d8 (S)	99 %		80-120	100		11/26/14 08:07	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/26/14 08:07	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 08:07		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	241 mg/L		5.0	1		11/25/14 10:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Sample: T1-075		Lab ID: 60183239001	Collected: 11/23/14 13:00	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	9200	mg/L	5.0	1		11/28/14 13:28		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		11/25/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	11200	mg/L	2.0	1	11/25/14 12:51	11/30/14 10:31		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	83.5	mg/L	5.0	50		12/02/14 11:09	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	23700	mg/L	2500	250		12/02/14 07:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Sample: TRIP BLANK		Lab ID: 60183239002	Collected: 11/23/14 13:00	Received: 11/24/14 15:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/26/14 05:10	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/26/14 05:10	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/26/14 05:10	75-27-4	
Bromoform	ND ug/L		1.0	1		11/26/14 05:10	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/26/14 05:10	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/26/14 05:10	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/26/14 05:10	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/26/14 05:10	75-00-3	
Chloroform	ND ug/L		1.0	1		11/26/14 05:10	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/26/14 05:10	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/26/14 05:10	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 05:10	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 05:10	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/26/14 05:10	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/26/14 05:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/26/14 05:10	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/26/14 05:10	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/26/14 05:10	127-18-4	
Toluene	ND ug/L		1.0	1		11/26/14 05:10	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/26/14 05:10	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/26/14 05:10	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/26/14 05:10	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/26/14 05:10	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/26/14 05:10	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	1		11/26/14 05:10	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/26/14 05:10	2037-26-5	
1,2-Dichloroethane-d4 (S)	102 %		80-120	1		11/26/14 05:10	17060-07-0	
Preservation pH	7.0		1.0	1		11/26/14 05:10		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch: MERP/9094

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183239001

METHOD BLANK: 1485028

Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/26/14 12:27	

LABORATORY CONTROL SAMPLE: 1485029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485030 1485031

Parameter	Units	60183236001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits			
Mercury	ug/L	ND	150	150	84.6	78.0	52	48	70-130	8	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	MERP/9095	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60183239001		

METHOD BLANK: 1485032 Matrix: Water
Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	11/26/14 12:58	

LABORATORY CONTROL SAMPLE: 1485033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485034 1485035

Parameter	Units	60182816001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Mercury, Dissolved	ug/L	ND	150	150	70.8	70.8	47	47	70-130	0	20	M1	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch: MPRP/29976

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183239001

METHOD BLANK: 1485901

Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/01/14 15:37	
Antimony	ug/L	ND	10.0	12/01/14 15:37	
Arsenic	ug/L	ND	10.0	12/01/14 15:37	
Beryllium	ug/L	ND	1.0	12/01/14 15:37	
Cadmium	ug/L	ND	5.0	12/01/14 15:37	
Chromium	ug/L	ND	5.0	12/01/14 15:37	
Cobalt	ug/L	ND	5.0	12/01/14 15:37	
Copper	ug/L	ND	10.0	12/01/14 15:37	
Iron	ug/L	ND	50.0	12/01/14 15:37	
Lead	ug/L	ND	5.0	12/01/14 15:37	
Nickel	ug/L	ND	5.0	12/01/14 15:37	
Selenium	ug/L	ND	15.0	12/01/14 15:37	
Silver	ug/L	ND	7.0	12/01/14 15:37	
Thallium	ug/L	ND	20.0	12/01/14 15:37	
Zinc	ug/L	ND	50.0	12/01/14 15:37	

LABORATORY CONTROL SAMPLE: 1485902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9960	100	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	965	97	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9550	96	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	976	98	85-115	
Silver	ug/L	500	507	101	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1485903			1485904							
Parameter	Units	60183236001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		
Aluminum	ug/L	11800	50000	50000	65000	64100	106	105	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5460	5420	109	108	70-130	1	20	
Arsenic	ug/L	612	5000	5000	5980	5900	107	106	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	4780	4780	96	96	70-130	0	20	
Cadmium	ug/L	ND	5000	5000	5240	5200	105	104	70-130	1	20	
Chromium	ug/L	157	5000	5000	5100	5070	99	98	70-130	1	20	
Cobalt	ug/L	ND	5000	5000	4960	4950	99	98	70-130	0	20	
Copper	ug/L	568	5000	5000	5980	5920	108	107	70-130	1	20	
Iron	ug/L	352000	50000	50000	398000	379000	92	54	70-130	5	20 M1	
Lead	ug/L	67.2	5000	5000	4930	4900	97	97	70-130	0	20	
Nickel	ug/L	82.8	5000	5000	5050	5030	99	99	70-130	0	20	
Selenium	ug/L	ND	5000	5000	5500	5420	109	107	70-130	2	20	
Silver	ug/L	ND	2500	2500	2690	2670	108	107	70-130	1	20	
Thallium	ug/L	ND	5000	5000	4500	4510	90	90	70-130	0	20	
Zinc	ug/L	3070	5000	5000	7860	7680	96	92	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	MPRP/29961	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Dissolved
Associated Lab Samples:	60183239001		

METHOD BLANK: 1485376 Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	11/26/14 16:47	
Antimony, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Arsenic, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Beryllium, Dissolved	ug/L	ND	1.0	11/26/14 16:47	
Cadmium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Chromium, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Cobalt, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Copper, Dissolved	ug/L	ND	10.0	11/26/14 16:47	
Iron, Dissolved	ug/L	ND	50.0	11/26/14 16:47	
Lead, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Nickel, Dissolved	ug/L	ND	5.0	11/26/14 16:47	
Selenium, Dissolved	ug/L	ND	15.0	11/26/14 16:47	
Silver, Dissolved	ug/L	ND	7.0	11/26/14 16:47	
Thallium, Dissolved	ug/L	ND	20.0	11/26/14 16:47	
Zinc, Dissolved	ug/L	ND	50.0	11/26/14 16:47	

LABORATORY CONTROL SAMPLE: 1485377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9780	98	85-115	
Antimony, Dissolved	ug/L	1000	1060	106	85-115	
Arsenic, Dissolved	ug/L	1000	1020	102	85-115	
Beryllium, Dissolved	ug/L	1000	969	97	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	974	97	85-115	
Cobalt, Dissolved	ug/L	1000	1060	106	85-115	
Copper, Dissolved	ug/L	1000	1040	104	85-115	
Iron, Dissolved	ug/L	10000	9760	98	85-115	
Lead, Dissolved	ug/L	1000	1030	103	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1020	102	85-115	
Silver, Dissolved	ug/L	500	504	101	85-115	
Thallium, Dissolved	ug/L	1000	1060	106	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Parameter	Units	60183236001		1485378		1485379		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	49700	49300	99	98	70-130	1	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5460	5380	109	107	70-130	2	20			
Arsenic, Dissolved	ug/L	422	5000	5000	5830	5710	108	106	70-130	2	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	4750	4690	95	94	70-130	1	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5300	5220	106	104	70-130	2	20			
Chromium, Dissolved	ug/L	75.0	5000	5000	5000	4940	98	97	70-130	1	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	5210	5140	104	103	70-130	1	20			
Copper, Dissolved	ug/L	ND	5000	5000	5470	5420	109	108	70-130	1	20			
Iron, Dissolved	ug/L	40300	50000	50000	89100	88000	98	96	70-130	1	20			
Lead, Dissolved	ug/L	ND	5000	5000	4800	4740	96	95	70-130	1	20			
Nickel, Dissolved	ug/L	56.8	5000	5000	5090	5020	101	99	70-130	1	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5340	5240	107	105	70-130	2	20			
Silver, Dissolved	ug/L	ND	2500	2500	2520	2560	101	102	70-130	2	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4680	4630	94	93	70-130	1	20			
Zinc, Dissolved	ug/L	ND	5000	5000	5070	5010	98	97	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch: MSV/66024 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183239001, 60183239002

METHOD BLANK: 1484785 Matrix: Water

Associated Lab Samples: 60183239001, 60183239002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/26/14 03:16	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,2-Dichloroethane	ug/L	ND	1.0	11/26/14 03:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/26/14 03:16	
2-Butanone (MEK)	ug/L	ND	10.0	11/26/14 03:16	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/26/14 03:16	N2
Acetone	ug/L	ND	10.0	11/26/14 03:16	N2
Benzene	ug/L	ND	1.0	11/26/14 03:16	
Bromodichloromethane	ug/L	ND	1.0	11/26/14 03:16	
Bromoform	ug/L	ND	1.0	11/26/14 03:16	
Bromomethane	ug/L	ND	5.0	11/26/14 03:16	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 03:16	
Chloroethane	ug/L	ND	1.0	11/26/14 03:16	
Chloroform	ug/L	ND	1.0	11/26/14 03:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	N2
Ethylbenzene	ug/L	ND	1.0	11/26/14 03:16	
Methylene chloride	ug/L	ND	1.0	11/26/14 03:16	
Tetrachloroethene	ug/L	ND	1.0	11/26/14 03:16	
Toluene	ug/L	ND	1.0	11/26/14 03:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Trichloroethene	ug/L	ND	1.0	11/26/14 03:16	
Vinyl chloride	ug/L	ND	1.0	11/26/14 03:16	
Xylene (Total)	ug/L	ND	3.0	11/26/14 03:16	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	11/26/14 03:16	
4-Bromofluorobenzene (S)	%	96	80-120	11/26/14 03:16	
Toluene-d8 (S)	%	100	80-120	11/26/14 03:16	

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.8	99	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	17.8	89	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.3	102	70-126	
1,4-Dichlorobenzene	ug/L	20	20.2	101	74-120	
2-Butanone (MEK)	ug/L	100	89.4	89	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.6	99	59-131	N2
Acetone	ug/L	100	105	105	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

LABORATORY CONTROL SAMPLE: 1484786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	103	68-125	
Bromoform	ug/L	20	20.0	100	65-127	
Bromomethane	ug/L	20	20.1	100	13-157	
Carbon tetrachloride	ug/L	20	19.4	97	70-131	
Chloroethane	ug/L	20	18.8	94	47-133	
Chloroform	ug/L	20	19.9	99	65-127	
cis-1,2-Dichloroethene	ug/L	20	18.6	93	68-127	N2
Ethylbenzene	ug/L	20	19.5	97	74-122	
Methylene chloride	ug/L	20	20.5	102	64-129	
Tetrachloroethene	ug/L	20	18.8	94	73-125	
Toluene	ug/L	20	19.6	98	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	66-129	
Trichloroethene	ug/L	20	20.9	104	71-123	
Vinyl chloride	ug/L	20	19.4	97	43-129	
Xylene (Total)	ug/L	60	59.3	99	75-121	N2
1,2-Dichloroethane-d4 (S)	%			105	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1484787

Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2220	111	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2160	108	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	2160	108	52-143	
1,2-Dichloroethane	ug/L	ND	2000	2130	107	49-144	
1,4-Dichlorobenzene	ug/L	170	2000	2350	109	33-140	
2-Butanone (MEK)	ug/L	33200	10000	42800	96	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	11200	104	40-160	N2
Acetone	ug/L	63500	10000	72000	85	10-160	N2
Benzene	ug/L	ND	2000	2040	102	37-151	
Bromodichloromethane	ug/L	ND	2000	2160	108	35-142	
Bromoform	ug/L	ND	2000	2140	107	45-142	
Bromomethane	ug/L	ND	2000	1980	99	10-158	
Carbon tetrachloride	ug/L	ND	2000	2240	112	70-140	
Chloroethane	ug/L	ND	2000	1950	97	19-152	
Chloroform	ug/L	ND	2000	2100	105	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	1940	97	34-147	N2
Ethylbenzene	ug/L	ND	2000	2150	108	40-142	
Methylene chloride	ug/L	ND	2000	2130	105	31-144	
Tetrachloroethene	ug/L	ND	2000	2030	102	64-148	
Toluene	ug/L	ND	2000	2120	106	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2160	108	54-151	
Trichloroethene	ug/L	ND	2000	2090	104	71-149	
Vinyl chloride	ug/L	ND	2000	1980	99	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

MATRIX SPIKE SAMPLE:		1484787					
Parameter	Units	60183238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6590	110	37-144	N2
1,2-Dichloroethane-d4 (S)	%				103	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	MSV/66048	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60183239001		

METHOD BLANK: 1485444 Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	11/26/14 17:04	N2
1,2-Dichloroethane-d4 (S)	%	103	80-120	11/26/14 17:04	
4-Bromofluorobenzene (S)	%	98	80-120	11/26/14 17:04	
Toluene-d8 (S)	%	100	80-120	11/26/14 17:04	

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	100	100	38-134	N2
1,2-Dichloroethane-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1485446

Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	77800	100	1050	-101439	10-160	M1,N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				99	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	OEXT/47265	Analysis Method:	EPA 625
QC Batch Method:	EPA 625	Analysis Description:	625 MSS
Associated Lab Samples:	60183239001		

METHOD BLANK: 1484596 Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/26/14 12:13	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/26/14 12:13	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/26/14 12:13	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/26/14 12:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/26/14 12:13	
Hexachloroethane	ug/L	ND	5.0	11/26/14 12:13	
Naphthalene	ug/L	ND	5.0	11/26/14 12:13	
Nitrobenzene	ug/L	ND	5.0	11/26/14 12:13	
Pentachlorophenol	ug/L	ND	5.0	11/26/14 12:13	
Phenol	ug/L	ND	5.0	11/26/14 12:13	
2,4,6-Tribromophenol (S)	%	94	39-120	11/26/14 12:13	
2-Fluorobiphenyl (S)	%	94	39-120	11/26/14 12:13	
2-Fluorophenol (S)	%	66	17-120	11/26/14 12:13	
Nitrobenzene-d5 (S)	%	96	33-120	11/26/14 12:13	
Phenol-d6 (S)	%	49	11-120	11/26/14 12:13	
Terphenyl-d14 (S)	%	103	45-120	11/26/14 12:13	

LABORATORY CONTROL SAMPLE: 1484597

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.2	80	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.2	88	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	40.5	81	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.1	72	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.5	109	40-133	
Hexachloro-1,3-butadiene	ug/L	50	36.2	72	44-116	
Hexachlorocyclopentadiene	ug/L	100	42.2	42	24-120	
Hexachloroethane	ug/L	50	35.6	71	43-113	
Naphthalene	ug/L	50	41.5	83	48-120	
Nitrobenzene	ug/L	50	45.7	91	48-120	
Pentachlorophenol	ug/L	50	47.6	95	47-120	
Phenol	ug/L	50	23.1	46	16-112	
2,4,6-Tribromophenol (S)	%			97	39-120	
2-Fluorobiphenyl (S)	%			89	39-120	
2-Fluorophenol (S)	%			59	17-120	
Nitrobenzene-d5 (S)	%			94	33-120	
Phenol-d6 (S)	%			47	11-120	
Terphenyl-d14 (S)	%			97	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

MATRIX SPIKE SAMPLE: 1484598		60183234003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	51	43.9	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	51	48.7	95	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	51	109	213	30-120	M1,N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	51	57.9J	113	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	51	ND	46	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	51	37.6	74	39-116	
Hexachlorocyclopentadiene	ug/L	ND	102	30.5	30	11-120	
Hexachloroethane	ug/L	ND	51	52.7	103	40-113	
Naphthalene	ug/L	ND	51	65.9	129	45-120	M1
Nitrobenzene	ug/L	ND	51	156	307	38-120	M1
Pentachlorophenol	ug/L	ND	51	58.7	115	43-135	
Phenol	ug/L	ND	51	36.5	72	13-112	
2,4,6-Tribromophenol (S)	%				0	39-120	S4
2-Fluorobiphenyl (S)	%				0	39-120	S4
2-Fluorophenol (S)	%				0	17-120	S4
Nitrobenzene-d5 (S)	%				0	33-120	D3,S4
Phenol-d6 (S)	%				0	11-120	S4
Terphenyl-d14 (S)	%				0	45-120	S4

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	WET/51725	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183239001		

METHOD BLANK: 1484601 Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	11/25/14 10:37	

LABORATORY CONTROL SAMPLE: 1484602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.0	100	78-114	

MATRIX SPIKE SAMPLE: 1484603

Parameter	Units	60182959001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	43.5	43.4	99	78-114	

SAMPLE DUPLICATE: 1484604

Parameter	Units	60182959002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	WET/51787	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60183239001		

METHOD BLANK: 1486223 Matrix: Water

Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	11/28/14 13:24	

SAMPLE DUPLICATE: 1486224

Parameter	Units	60183040001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	53.0	51.0	4	10	

SAMPLE DUPLICATE: 1486225

Parameter	Units	60183216001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	304	320	5	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch: WET/51744 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183239001

SAMPLE DUPLICATE: 1485190

Parameter	Units	60183234002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	WET/51736	Analysis Method:	SM 5210B
QC Batch Method:	SM 5210B	Analysis Description:	5210B BOD, 5 day
Associated Lab Samples:	60183239001		

METHOD BLANK: 1484995 Matrix: Water
Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	11/30/14 10:28	

LABORATORY CONTROL SAMPLE: 1484996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	184	93	85-115	

SAMPLE DUPLICATE: 1484997

Parameter	Units	60183267001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	9.8	10.0	3	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	WETA/32006	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60183239001		

METHOD BLANK: 1486764 Matrix: Water
Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 10:35	

LABORATORY CONTROL SAMPLE: 1486765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486766

Parameter	Units	60183033001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	1.1	55	90-110	M1

MATRIX SPIKE SAMPLE: 1486767

Parameter	Units	60183033002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.11	2	1.5	72	90-110	M1

SAMPLE DUPLICATE: 1486768

Parameter	Units	60183053001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

QC Batch:	WETA/31991	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183239001		

METHOD BLANK: 1486230 Matrix: Water
Associated Lab Samples: 60183239001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/02/14 06:57	

LABORATORY CONTROL SAMPLE: 1486231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	46.8	94	90-110	

MATRIX SPIKE SAMPLE: 1486232

Parameter	Units	60182780003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	4830	2500	6960	85	90-110	M1

MATRIX SPIKE SAMPLE: 1486234

Parameter	Units	60182829001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	710	250	995	114	90-110	M1

SAMPLE DUPLICATE: 1486233

Parameter	Units	60182883001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	1910	1950	2	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/66048

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-075

Pace Project No.: 60183239

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183239001	T1-075	EPA 200.7	MPRP/29976	EPA 200.7	ICP/22435
60183239001	T1-075	EPA 200.7	MPRP/29961	EPA 200.7	ICP/22425
60183239001	T1-075	EPA 245.1	MERP/9094	EPA 245.1	MERC/9047
60183239001	T1-075	EPA 245.1	MERP/9095	EPA 245.1	MERC/9048
60183239001	T1-075	EPA 625	OEXT/47265	EPA 625	MSSV/15237
60183239001	T1-075	EPA 624 Low	MSV/66024		
60183239001	T1-075	EPA 624 Low	MSV/66048		
60183239002	TRIP BLANK	EPA 624 Low	MSV/66024		
60183239001	T1-075	EPA 1664A	WET/51725		
60183239001	T1-075	SM 2540D	WET/51787		
60183239001	T1-075	SM 4500-H+B	WET/51744		
60183239001	T1-075	SM 5210B	WET/51736	SM 5210B	WET/51814
60183239001	T1-075	EPA 350.1	WETA/32006		
60183239001	T1-075	EPA 410.4	WETA/31991		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183239



60183239

Client Name: Borr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Express

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2PK

Thermometer Used: T-239 + T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 1.5

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 11/24/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Bad PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13. <u>11/24/14</u> <u>BPSS PH 4.5-6.0</u>
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Added 2.5mL of Hnos to BPSSN.</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>PH 6.0/4.5</u>
Exceptions: <u>VOA</u> coliform, TOC, <u>O&G</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>pv</u> Lot # of added preservative <u>12513-37-10</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>101314-3</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/24/14

December 05, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-076
Pace Project No.: 60183359

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 26, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183359001	T1-076	Water	11/24/14 15:54	11/26/14 01:20
60183359002	TRIP BLANK	Water	11/24/14 15:54	11/26/14 01:20

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183359001	T1-076	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK, PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183359002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Sample: T1-076	Lab ID: 60183359001	Collected: 11/24/14 15:54	Received: 11/26/14 01:20	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	17700 ug/L		375	1	12/01/14 10:30	12/01/14 15:48	7429-90-5	
Antimony	ND ug/L		50.0	1	12/01/14 10:30	12/01/14 15:48	7440-36-0	
Arsenic	715 ug/L		50.0	1	12/01/14 10:30	12/01/14 15:48	7440-38-2	
Beryllium	ND ug/L		5.0	1	12/01/14 10:30	12/01/14 15:48	7440-41-7	
Cadmium	ND ug/L		25.0	1	12/01/14 10:30	12/01/14 15:48	7440-43-9	
Chromium	217 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:48	7440-47-3	
Cobalt	37.9 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:48	7440-48-4	
Copper	ND ug/L		50.0	1	12/01/14 10:30	12/01/14 15:48	7440-50-8	
Iron	607000 ug/L		250	1	12/01/14 10:30	12/01/14 15:48	7439-89-6	
Lead	78.6 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:48	7439-92-1	
Nickel	91.6 ug/L		25.0	1	12/01/14 10:30	12/01/14 15:48	7440-02-0	
Selenium	ND ug/L		75.0	1	12/01/14 10:30	12/01/14 15:48	7782-49-2	
Silver	ND ug/L		35.0	1	12/01/14 10:30	12/01/14 15:48	7440-22-4	
Thallium	ND ug/L		100	1	12/01/14 10:30	12/01/14 15:48	7440-28-0	
Zinc	4620 ug/L		250	1	12/01/14 10:30	12/01/14 15:48	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	12/03/14 16:05	12/04/14 13:09	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:09	7440-36-0	
Arsenic, Dissolved	415 ug/L		50.0	1	12/03/14 16:05	12/04/14 13:09	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	12/03/14 16:05	12/04/14 13:09	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:09	7440-43-9	
Chromium, Dissolved	89.0 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:09	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:09	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:09	7440-50-8	
Iron, Dissolved	125000 ug/L		250	1	12/03/14 16:05	12/04/14 13:09	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:09	7439-92-1	
Nickel, Dissolved	55.7 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:09	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	12/03/14 16:05	12/04/14 13:09	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	12/03/14 16:05	12/04/14 13:09	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	12/03/14 16:05	12/04/14 13:09	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	12/03/14 16:05	12/04/14 13:09	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	27.1 ug/L		6.0	1	12/02/14 14:00	12/03/14 09:07	7439-97-6	M1
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		0.60	1	12/04/14 08:30	12/04/14 12:53	7439-97-6	M1
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	11/26/14 00:00	11/30/14 18:59	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	77-47-4	
Hexachloroethane	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	11/26/14 00:00	11/30/14 18:59	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	3920 ug/L		2000	1	11/26/14 00:00	11/30/14 18:59		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Sample: T1-076	Lab ID: 60183359001	Collected: 11/24/14 15:54	Received: 11/26/14 01:20	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	87-86-5	M1
Phenol	7470 ug/L		500	1	11/26/14 00:00	11/30/14 18:59	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/26/14 00:00	11/30/14 18:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97 %		33-120	1	11/26/14 00:00	11/30/14 18:59	4165-60-0	
2-Fluorobiphenyl (S)	90 %		39-120	1	11/26/14 00:00	11/30/14 18:59	321-60-8	
Terphenyl-d14 (S)	98 %		45-120	1	11/26/14 00:00	11/30/14 18:59	1718-51-0	
Phenol-d6 (S)	44 %		11-120	1	11/26/14 00:00	11/30/14 18:59	13127-88-3	
2-Fluorophenol (S)	64 %		17-120	1	11/26/14 00:00	11/30/14 18:59	367-12-4	
2,4,6-Tribromophenol (S)	98 %		39-120	1	11/26/14 00:00	11/30/14 18:59	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	77800 ug/L		2500	250		12/01/14 13:55	67-64-1	N2
Benzene	ND ug/L		100	100		11/26/14 17:52	71-43-2	M1
Bromodichloromethane	ND ug/L		100	100		11/26/14 17:52	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 17:52	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 17:52	74-83-9	
2-Butanone (MEK)	33900 ug/L		1000	100		11/26/14 17:52	78-93-3	M1, N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 17:52	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 17:52	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 17:52	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		11/26/14 17:52	106-46-7	M1
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 17:52	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 17:52	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 17:52	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 17:52	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 17:52	75-09-2	M1
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 17:52	108-10-1	M1, N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 17:52	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 17:52	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 17:52	108-88-3	M1
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 17:52	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 17:52	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 17:52	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 17:52	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 17:52	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	100		11/26/14 17:52	460-00-4	
Toluene-d8 (S)	100 %		80-120	100		11/26/14 17:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/26/14 17:52	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 17:52		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	110 mg/L		5.0	1		12/01/14 15:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Sample: T1-076		Lab ID: 60183359001	Collected: 11/24/14 15:54	Received: 11/26/14 01:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	7600	mg/L	5.0	1		12/01/14 10:30		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		12/01/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	10500	mg/L	2.0	1	11/26/14 10:36	12/01/14 09:04		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	91.6	mg/L	5.0	50		12/02/14 19:12	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	22600	mg/L	2500	250		12/04/14 15:36		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Sample: TRIP BLANK		Lab ID: 60183359002	Collected: 11/24/14 15:54	Received: 11/26/14 01:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/26/14 18:24	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/26/14 18:24	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/26/14 18:24	75-27-4	
Bromoform	ND ug/L		1.0	1		11/26/14 18:24	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/26/14 18:24	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/26/14 18:24	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/26/14 18:24	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/26/14 18:24	75-00-3	
Chloroform	ND ug/L		1.0	1		11/26/14 18:24	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/26/14 18:24	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/26/14 18:24	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 18:24	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 18:24	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/26/14 18:24	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/26/14 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/26/14 18:24	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/26/14 18:24	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/26/14 18:24	127-18-4	
Toluene	ND ug/L		1.0	1		11/26/14 18:24	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/26/14 18:24	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/26/14 18:24	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/26/14 18:24	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/26/14 18:24	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/26/14 18:24	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		11/26/14 18:24	460-00-4	
Toluene-d8 (S)	99 %		80-120	1		11/26/14 18:24	2037-26-5	
1,2-Dichloroethane-d4 (S)	102 %		80-120	1		11/26/14 18:24	17060-07-0	
Preservation pH	7.0		1.0	1		11/26/14 18:24		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183359001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001		1487310		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20 M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: MERP/9112

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183359001

METHOD BLANK: 1488287

Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: MPRP/29976

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183359001

METHOD BLANK: 1485901

Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/01/14 15:37	
Antimony	ug/L	ND	10.0	12/01/14 15:37	
Arsenic	ug/L	ND	10.0	12/01/14 15:37	
Beryllium	ug/L	ND	1.0	12/01/14 15:37	
Cadmium	ug/L	ND	5.0	12/01/14 15:37	
Chromium	ug/L	ND	5.0	12/01/14 15:37	
Cobalt	ug/L	ND	5.0	12/01/14 15:37	
Copper	ug/L	ND	10.0	12/01/14 15:37	
Iron	ug/L	ND	50.0	12/01/14 15:37	
Lead	ug/L	ND	5.0	12/01/14 15:37	
Nickel	ug/L	ND	5.0	12/01/14 15:37	
Selenium	ug/L	ND	15.0	12/01/14 15:37	
Silver	ug/L	ND	7.0	12/01/14 15:37	
Thallium	ug/L	ND	20.0	12/01/14 15:37	
Zinc	ug/L	ND	50.0	12/01/14 15:37	

LABORATORY CONTROL SAMPLE: 1485902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9960	100	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	965	97	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9550	96	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	976	98	85-115	
Silver	ug/L	500	507	101	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

		1485903			1485904							
Parameter	Units	60183236001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD		
Aluminum	ug/L	11800	50000	50000	65000	64100	106	105	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5460	5420	109	108	70-130	1	20	
Arsenic	ug/L	612	5000	5000	5980	5900	107	106	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	4780	4780	96	96	70-130	0	20	
Cadmium	ug/L	ND	5000	5000	5240	5200	105	104	70-130	1	20	
Chromium	ug/L	157	5000	5000	5100	5070	99	98	70-130	1	20	
Cobalt	ug/L	ND	5000	5000	4960	4950	99	98	70-130	0	20	
Copper	ug/L	568	5000	5000	5980	5920	108	107	70-130	1	20	
Iron	ug/L	352000	50000	50000	398000	379000	92	54	70-130	5	20 M1	
Lead	ug/L	67.2	5000	5000	4930	4900	97	97	70-130	0	20	
Nickel	ug/L	82.8	5000	5000	5050	5030	99	99	70-130	0	20	
Selenium	ug/L	ND	5000	5000	5500	5420	109	107	70-130	2	20	
Silver	ug/L	ND	2500	2500	2690	2670	108	107	70-130	1	20	
Thallium	ug/L	ND	5000	5000	4500	4510	90	90	70-130	0	20	
Zinc	ug/L	3070	5000	5000	7860	7680	96	92	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: MPRP/30036

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183359001

METHOD BLANK: 1488118

Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488120		1488121		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20		
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20		
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20		
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20		
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20		
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20		
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20		
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20		
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: MSV/66048 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183359001, 60183359002

METHOD BLANK: 1485444 Matrix: Water

Associated Lab Samples: 60183359001, 60183359002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/26/14 17:04	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,2-Dichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/26/14 17:04	
2-Butanone (MEK)	ug/L	ND	10.0	11/26/14 17:04	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/26/14 17:04	N2
Acetone	ug/L	ND	10.0	11/26/14 17:04	N2
Benzene	ug/L	ND	1.0	11/26/14 17:04	
Bromodichloromethane	ug/L	ND	1.0	11/26/14 17:04	
Bromoform	ug/L	ND	1.0	11/26/14 17:04	
Bromomethane	ug/L	ND	5.0	11/26/14 17:04	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 17:04	
Chloroethane	ug/L	ND	1.0	11/26/14 17:04	
Chloroform	ug/L	ND	1.0	11/26/14 17:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 17:04	N2
Ethylbenzene	ug/L	ND	1.0	11/26/14 17:04	
Methylene chloride	ug/L	ND	1.0	11/26/14 17:04	
Tetrachloroethene	ug/L	ND	1.0	11/26/14 17:04	
Toluene	ug/L	ND	1.0	11/26/14 17:04	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 17:04	
Trichloroethene	ug/L	ND	1.0	11/26/14 17:04	
Vinyl chloride	ug/L	ND	1.0	11/26/14 17:04	
Xylene (Total)	ug/L	ND	3.0	11/26/14 17:04	N2
1,2-Dichloroethane-d4 (S)	%	103	80-120	11/26/14 17:04	
4-Bromofluorobenzene (S)	%	98	80-120	11/26/14 17:04	
Toluene-d8 (S)	%	100	80-120	11/26/14 17:04	

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.7	103	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	96	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.7	103	67-124	
1,2-Dichloroethane	ug/L	20	20.3	101	70-126	
1,4-Dichlorobenzene	ug/L	20	20.9	104	74-120	
2-Butanone (MEK)	ug/L	100	92.5	92	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	59-131	N2
Acetone	ug/L	100	100	100	38-134	N2
Benzene	ug/L	20	19.6	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	20.6	103	65-127	
Bromomethane	ug/L	20	21.6	108	13-157	
Carbon tetrachloride	ug/L	20	20.8	104	70-131	
Chloroethane	ug/L	20	18.9	94	47-133	
Chloroform	ug/L	20	20.1	100	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.1	96	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	20.5	102	64-129	
Tetrachloroethene	ug/L	20	20.5	102	73-125	
Toluene	ug/L	20	20.3	101	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	66-129	
Trichloroethene	ug/L	20	20.5	103	71-123	
Vinyl chloride	ug/L	20	21.0	105	43-129	
Xylene (Total)	ug/L	60	62.1	103	75-121	N2
1,2-Dichloroethane-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1485446

Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	22.0	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.7	104	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	20	21.0	105	52-143	
1,2-Dichloroethane	ug/L	ND	20	20.9	104	49-144	
1,4-Dichlorobenzene	ug/L	ND	20	22.5	-230	33-140	M1
2-Butanone (MEK)	ug/L	33900	100	412	-33525	40-160	M1,N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	105	-284	40-160	M1,N2
Acetone	ug/L	77800	100	1050	-101439	10-160	M1,N2
Benzene	ug/L	ND	20	20.5	-23	37-151	M1
Bromodichloromethane	ug/L	ND	20	21.7	108	35-142	
Bromoform	ug/L	ND	20	21.0	105	45-142	
Bromomethane	ug/L	ND	20	20.5	103	10-158	
Carbon tetrachloride	ug/L	ND	20	22.6	113	70-140	
Chloroethane	ug/L	ND	20	17.7	89	19-152	
Chloroform	ug/L	ND	20	21.4	107	51-138	
cis-1,2-Dichloroethene	ug/L	ND	20	19.9	100	34-147	N2
Ethylbenzene	ug/L	ND	20	21.8	109	40-142	
Methylene chloride	ug/L	ND	20	21.0	-192	31-144	M1
Tetrachloroethene	ug/L	ND	20	21.3	107	64-148	
Toluene	ug/L	ND	20	21.3	31	47-150	M1
trans-1,2-Dichloroethene	ug/L	ND	20	21.6	108	54-151	
Trichloroethene	ug/L	ND	20	20.8	104	71-149	
Vinyl chloride	ug/L	ND	20	17.6	88	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

MATRIX SPIKE SAMPLE:		1485446					
Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	60	66.3	111	37-144	N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	MSV/66077	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60183359001		

METHOD BLANK: 1486483 Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	12/01/14 11:58	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	12/01/14 11:58	
4-Bromofluorobenzene (S)	%	102	80-120	12/01/14 11:58	
Toluene-d8 (S)	%	97	80-120	12/01/14 11:58	

LABORATORY CONTROL SAMPLE: 1486484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	87.8	88	38-134	N2
1,2-Dichloroethane-d4 (S)	%			96	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE SAMPLE: 1486495

Parameter	Units	60183482003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	5990	10000	14900	89	10-160	N2
1,2-Dichloroethane-d4 (S)	%				95	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	HS
Toluene-d8 (S)	%				98	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: OEXT/47295

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60183359001

METHOD BLANK: 1485478

Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/30/14 17:56	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/30/14 17:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/30/14 17:56	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/30/14 17:56	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/30/14 17:56	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/30/14 17:56	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/30/14 17:56	
Hexachloroethane	ug/L	ND	5.0	11/30/14 17:56	
Naphthalene	ug/L	ND	5.0	11/30/14 17:56	
Nitrobenzene	ug/L	ND	5.0	11/30/14 17:56	
Pentachlorophenol	ug/L	ND	5.0	11/30/14 17:56	
Phenol	ug/L	ND	5.0	11/30/14 17:56	
2,4,6-Tribromophenol (S)	%	102	39-120	11/30/14 17:56	
2-Fluorobiphenyl (S)	%	94	39-120	11/30/14 17:56	
2-Fluorophenol (S)	%	61	17-120	11/30/14 17:56	
Nitrobenzene-d5 (S)	%	95	33-120	11/30/14 17:56	
Phenol-d6 (S)	%	44	11-120	11/30/14 17:56	
Terphenyl-d14 (S)	%	110	45-120	11/30/14 17:56	

LABORATORY CONTROL SAMPLE: 1485479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	49.2	98	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.3	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.7	79	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.1	108	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.5	81	44-116	
Hexachlorocyclopentadiene	ug/L	100	29.9	30	24-120	
Hexachloroethane	ug/L	50	39.7	79	43-113	
Naphthalene	ug/L	50	46.1	92	48-120	
Nitrobenzene	ug/L	50	44.1	88	48-120	
Pentachlorophenol	ug/L	50	55.3	111	47-120	
Phenol	ug/L	50	24.1	48	16-112	
2,4,6-Tribromophenol (S)	%			103	39-120	
2-Fluorobiphenyl (S)	%			96	39-120	
2-Fluorophenol (S)	%			62	17-120	
Nitrobenzene-d5 (S)	%			95	33-120	
Phenol-d6 (S)	%			46	11-120	
Terphenyl-d14 (S)	%			104	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

MATRIX SPIKE SAMPLE:	1485480	60183359001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4040	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4990	100	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4350	87	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	3920	5000	7020	62	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	5460	109	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3780	76	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2880	29	11-120	
Hexachloroethane	ug/L	ND	5000	3730	75	40-113	
Naphthalene	ug/L	ND	5000	4450	87	45-120	
Nitrobenzene	ug/L	ND	5000	5460	109	38-120	
Pentachlorophenol	ug/L	ND	5000	6900	138	43-135	M1
Phenol	ug/L	7470	5000	8450	20	13-112	
2,4,6-Tribromophenol (S)	%				100	39-120	
2-Fluorobiphenyl (S)	%				94	39-120	
2-Fluorophenol (S)	%				65	17-120	
Nitrobenzene-d5 (S)	%				105	33-120	
Phenol-d6 (S)	%				50	11-120	
Terphenyl-d14 (S)	%				103	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	WET/51816	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183359001		

METHOD BLANK: 1486706 Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:38	

LABORATORY CONTROL SAMPLE: 1486707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.6	102	78-114	

MATRIX SPIKE SAMPLE: 1486709

Parameter	Units	60183037003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	209	41.7	253	107	78-114	

SAMPLE DUPLICATE: 1486708

Parameter	Units	60183037001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	5.1	5.3	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	WET/51791	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60183359001		

METHOD BLANK: 1486352 Matrix: Water

Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/01/14 10:28	

SAMPLE DUPLICATE: 1486353

Parameter	Units	60183253002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1486354

Parameter	Units	60183409002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch: WET/51804 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183359001

SAMPLE DUPLICATE: 1486474

Parameter	Units	60183482002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	WET/51750	Analysis Method:	SM 5210B
QC Batch Method:	SM 5210B	Analysis Description:	5210B BOD, 5 day
Associated Lab Samples:	60183359001		

METHOD BLANK: 1485409 Matrix: Water
Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/01/14 08:41	

LABORATORY CONTROL SAMPLE: 1485410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	184	93	85-115	

SAMPLE DUPLICATE: 1485411

Parameter	Units	60183254003 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	263	260	1	17	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	WETA/32008	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	60183359001		

METHOD BLANK: 1486785 Matrix: Water
Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

QC Batch:	WETA/32032	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183359001		

METHOD BLANK: 1487741 Matrix: Water
Associated Lab Samples: 60183359001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/04/14 15:35	

LABORATORY CONTROL SAMPLE: 1487742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.0	98	90-110	

MATRIX SPIKE SAMPLE: 1487743

Parameter	Units	60183237002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2650	1250	3690	83	90-110	M1

MATRIX SPIKE SAMPLE: 1487745

Parameter	Units	60183115002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.2	50	79.5	99	90-110	

SAMPLE DUPLICATE: 1487744

Parameter	Units	60183375001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	24500	24100	2	25	

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QUALIFIERS

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/66048

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-076

Pace Project No.: 60183359

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183359001	T1-076	EPA 200.7	MPRP/29976	EPA 200.7	ICP/22435
60183359001	T1-076	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183359001	T1-076	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183359001	T1-076	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183359001	T1-076	EPA 625	OEXT/47295	EPA 625	MSSV/15245
60183359001	T1-076	EPA 624 Low	MSV/66048		
60183359001	T1-076	EPA 624 Low	MSV/66077		
60183359002	TRIP BLANK	EPA 624 Low	MSV/66048		
60183359001	T1-076	EPA 1664A	WET/51816		
60183359001	T1-076	SM 2540D	WET/51791		
60183359001	T1-076	SM 4500-H+B	WET/51804		
60183359001	T1-076	SM 5210B	WET/51750	SM 5210B	WET/51803
60183359001	T1-076	EPA 350.1	WETA/32008		
60183359001	T1-076	EPA 410.4	WETA/32032		

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Sample Condition Upon Receipt

WO# : 60183359



Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Stroad

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2 PIC

Thermometer Used: L-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 3-5
Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: PW 11/26/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13. <u>BPS PH 6.0</u>
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>Add 2.5 mL of HNO3 to BPSrv. 6.0/4.5</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>PW 11/26</u>
Exceptions: <u>VOA</u> , coliform, TOC, <u>O&O</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>PW</u> Lot # of added preservative: <u>12513-2710</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>COUVR</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MD</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 11/26/14

December 05, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-077
Pace Project No.: 60183375

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 26, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183375001	T1-077	Water	11/25/14 11:03	11/26/14 02:10
60183375002	TRIP BLANK	Water	11/25/14 11:03	11/26/14 02:10

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183375001	T1-077	EPA 200.7	NDJ	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK, PRG	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183375002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Sample: T1-077		Lab ID: 60183375001	Collected: 11/25/14 11:03	Received: 11/26/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	15700	ug/L	375	1	12/01/14 10:30	12/01/14 15:51	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:51	7440-36-0	
Arsenic	670	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:51	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/01/14 10:30	12/01/14 15:51	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:51	7440-43-9	
Chromium	202	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:51	7440-47-3	
Cobalt	34.1	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:51	7440-48-4	
Copper	ND	ug/L	50.0	1	12/01/14 10:30	12/01/14 15:51	7440-50-8	
Iron	55800	ug/L	250	1	12/01/14 10:30	12/01/14 15:51	7439-89-6	
Lead	62.4	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:51	7439-92-1	
Nickel	86.2	ug/L	25.0	1	12/01/14 10:30	12/01/14 15:51	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/01/14 10:30	12/01/14 15:51	7782-49-2	
Silver	ND	ug/L	35.0	1	12/01/14 10:30	12/01/14 15:51	7440-22-4	
Thallium	ND	ug/L	100	1	12/01/14 10:30	12/01/14 15:51	7440-28-0	
Zinc	4130	ug/L	250	1	12/01/14 10:30	12/01/14 15:51	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND	ug/L	375	1	12/03/14 16:05	12/04/14 13:20	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:20	7440-36-0	
Arsenic, Dissolved	384	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:20	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/03/14 16:05	12/04/14 13:20	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:20	7440-43-9	
Chromium, Dissolved	79.6	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:20	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:20	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:20	7440-50-8	
Iron, Dissolved	80400	ug/L	250	1	12/03/14 16:05	12/04/14 13:20	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:20	7439-92-1	
Nickel, Dissolved	53.8	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:20	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/03/14 16:05	12/04/14 13:20	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/03/14 16:05	12/04/14 13:20	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/03/14 16:05	12/04/14 13:20	7440-28-0	
Zinc, Dissolved	259	ug/L	250	1	12/03/14 16:05	12/04/14 13:20	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	16.8	ug/L	6.0	1	12/02/14 14:00	12/03/14 09:14	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	0.60	1	12/04/14 08:30	12/04/14 13:00	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	11/26/14 00:00	11/30/14 19:19	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	11/26/14 00:00	11/30/14 19:19	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	11/26/14 00:00	11/30/14 19:19	77-47-4	
Hexachloroethane	ND	ug/L	500	1	11/26/14 00:00	11/30/14 19:19	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	11/26/14 00:00	11/30/14 19:19	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	4440	ug/L	2000	1	11/26/14 00:00	11/30/14 19:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Sample: T1-077		Lab ID: 60183375001	Collected: 11/25/14 11:03	Received: 11/26/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	11/26/14 00:00	11/30/14 19:19	91-20-3	
Nitrobenzene	ND ug/L		500	1	11/26/14 00:00	11/30/14 19:19	98-95-3	
Pentachlorophenol	ND ug/L		500	1	11/26/14 00:00	11/30/14 19:19	87-86-5	
Phenol	7820 ug/L		500	1	11/26/14 00:00	11/30/14 19:19	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	11/26/14 00:00	11/30/14 19:19	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	11/26/14 00:00	11/30/14 19:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92 %		33-120	1	11/26/14 00:00	11/30/14 19:19	4165-60-0	
2-Fluorobiphenyl (S)	88 %		39-120	1	11/26/14 00:00	11/30/14 19:19	321-60-8	
Terphenyl-d14 (S)	96 %		45-120	1	11/26/14 00:00	11/30/14 19:19	1718-51-0	
Phenol-d6 (S)	41 %		11-120	1	11/26/14 00:00	11/30/14 19:19	13127-88-3	
2-Fluorophenol (S)	57 %		17-120	1	11/26/14 00:00	11/30/14 19:19	367-12-4	
2,4,6-Tribromophenol (S)	97 %		39-120	1	11/26/14 00:00	11/30/14 19:19	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	68700 ug/L		2500	250		12/01/14 14:09	67-64-1	N2
Benzene	ND ug/L		100	100		11/26/14 18:40	71-43-2	
Bromodichloromethane	ND ug/L		100	100		11/26/14 18:40	75-27-4	
Bromoform	ND ug/L		100	100		11/26/14 18:40	75-25-2	
Bromomethane	ND ug/L		500	100		11/26/14 18:40	74-83-9	
2-Butanone (MEK)	36000 ug/L		1000	100		11/26/14 18:40	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		11/26/14 18:40	56-23-5	
Chloroethane	ND ug/L		100	100		11/26/14 18:40	75-00-3	
Chloroform	ND ug/L		100	100		11/26/14 18:40	67-66-3	
1,4-Dichlorobenzene	162 ug/L		100	100		11/26/14 18:40	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		11/26/14 18:40	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 18:40	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		11/26/14 18:40	156-60-5	
Ethylbenzene	ND ug/L		100	100		11/26/14 18:40	100-41-4	
Methylene chloride	ND ug/L		100	100		11/26/14 18:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		11/26/14 18:40	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		11/26/14 18:40	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		11/26/14 18:40	127-18-4	
Toluene	ND ug/L		100	100		11/26/14 18:40	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		11/26/14 18:40	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		11/26/14 18:40	79-00-5	
Trichloroethene	ND ug/L		100	100		11/26/14 18:40	79-01-6	
Vinyl chloride	ND ug/L		100	100		11/26/14 18:40	75-01-4	
Xylene (Total)	ND ug/L		300	100		11/26/14 18:40	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	100		11/26/14 18:40	460-00-4	
Toluene-d8 (S)	99 %		80-120	100		11/26/14 18:40	2037-26-5	
1,2-Dichloroethane-d4 (S)	103 %		80-120	100		11/26/14 18:40	17060-07-0	
Preservation pH	7.0		1.0	100		11/26/14 18:40		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	113 mg/L		5.0	1		12/01/14 15:42		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Sample: T1-077		Lab ID: 60183375001	Collected: 11/25/14 11:03	Received: 11/26/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	6700	mg/L	5.0	1		12/01/14 10:40		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.2	Std. Units	0.10	1		12/01/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	11200	mg/L	2.0	1	11/26/14 20:39	12/01/14 13:46		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	122	mg/L	5.0	50		12/02/14 19:13	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	24500	mg/L	2500	250		12/04/14 15:36		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Sample: TRIP BLANK		Lab ID: 60183375002	Collected: 11/25/14 11:03	Received: 11/26/14 02:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		11/26/14 18:56	67-64-1	N2
Benzene	ND ug/L		1.0	1		11/26/14 18:56	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		11/26/14 18:56	75-27-4	
Bromoform	ND ug/L		1.0	1		11/26/14 18:56	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/26/14 18:56	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		11/26/14 18:56	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		11/26/14 18:56	56-23-5	
Chloroethane	ND ug/L		1.0	1		11/26/14 18:56	75-00-3	
Chloroform	ND ug/L		1.0	1		11/26/14 18:56	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		11/26/14 18:56	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		11/26/14 18:56	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 18:56	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		11/26/14 18:56	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		11/26/14 18:56	100-41-4	
Methylene chloride	ND ug/L		1.0	1		11/26/14 18:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		11/26/14 18:56	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		11/26/14 18:56	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		11/26/14 18:56	127-18-4	
Toluene	ND ug/L		1.0	1		11/26/14 18:56	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		11/26/14 18:56	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		11/26/14 18:56	79-00-5	
Trichloroethene	ND ug/L		1.0	1		11/26/14 18:56	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		11/26/14 18:56	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		11/26/14 18:56	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		11/26/14 18:56	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		11/26/14 18:56	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		11/26/14 18:56	17060-07-0	
Preservation pH	7.0		1.0	1		11/26/14 18:56		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183375001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001		MS		MSD		% Rec		Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20	M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch:	MERP/9112	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury - Dissolved
Associated Lab Samples:	60183375001		

METHOD BLANK: 1488287 Matrix: Water
Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077
Pace Project No.: 60183375

QC Batch: MPRP/29976 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60183375001

METHOD BLANK: 1485901 Matrix: Water
Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/01/14 15:37	
Antimony	ug/L	ND	10.0	12/01/14 15:37	
Arsenic	ug/L	ND	10.0	12/01/14 15:37	
Beryllium	ug/L	ND	1.0	12/01/14 15:37	
Cadmium	ug/L	ND	5.0	12/01/14 15:37	
Chromium	ug/L	ND	5.0	12/01/14 15:37	
Cobalt	ug/L	ND	5.0	12/01/14 15:37	
Copper	ug/L	ND	10.0	12/01/14 15:37	
Iron	ug/L	ND	50.0	12/01/14 15:37	
Lead	ug/L	ND	5.0	12/01/14 15:37	
Nickel	ug/L	ND	5.0	12/01/14 15:37	
Selenium	ug/L	ND	15.0	12/01/14 15:37	
Silver	ug/L	ND	7.0	12/01/14 15:37	
Thallium	ug/L	ND	20.0	12/01/14 15:37	
Zinc	ug/L	ND	50.0	12/01/14 15:37	

LABORATORY CONTROL SAMPLE: 1485902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9960	100	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	965	97	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1020	102	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9550	96	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1040	104	85-115	
Selenium	ug/L	1000	976	98	85-115	
Silver	ug/L	500	507	101	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1485903		1485904									
Parameter	Units	60183236001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	11800	50000	50000	65000	64100	106	105	70-130	1	20		
Antimony	ug/L	ND	5000	5000	5460	5420	109	108	70-130	1	20		
Arsenic	ug/L	612	5000	5000	5980	5900	107	106	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4780	4780	96	96	70-130	0	20		
Cadmium	ug/L	ND	5000	5000	5240	5200	105	104	70-130	1	20		
Chromium	ug/L	157	5000	5000	5100	5070	99	98	70-130	1	20		
Cobalt	ug/L	ND	5000	5000	4960	4950	99	98	70-130	0	20		
Copper	ug/L	568	5000	5000	5980	5920	108	107	70-130	1	20		
Iron	ug/L	352000	50000	50000	398000	379000	92	54	70-130	5	20	M1	
Lead	ug/L	67.2	5000	5000	4930	4900	97	97	70-130	0	20		
Nickel	ug/L	82.8	5000	5000	5050	5030	99	99	70-130	0	20		
Selenium	ug/L	ND	5000	5000	5500	5420	109	107	70-130	2	20		
Silver	ug/L	ND	2500	2500	2690	2670	108	107	70-130	1	20		
Thallium	ug/L	ND	5000	5000	4500	4510	90	90	70-130	0	20		
Zinc	ug/L	3070	5000	5000	7860	7680	96	92	70-130	2	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077
Pace Project No.: 60183375

QC Batch: MPRP/30036 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60183375001

METHOD BLANK: 1488118 Matrix: Water
Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488120		1488121		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20		
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20		
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20		
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20		
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20		
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20		
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20		
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20		
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: MSV/66048 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183375001, 60183375002

METHOD BLANK: 1485444 Matrix: Water

Associated Lab Samples: 60183375001, 60183375002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/26/14 17:04	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,2-Dichloroethane	ug/L	ND	1.0	11/26/14 17:04	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/26/14 17:04	
2-Butanone (MEK)	ug/L	ND	10.0	11/26/14 17:04	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	11/26/14 17:04	N2
Acetone	ug/L	ND	10.0	11/26/14 17:04	N2
Benzene	ug/L	ND	1.0	11/26/14 17:04	
Bromodichloromethane	ug/L	ND	1.0	11/26/14 17:04	
Bromoform	ug/L	ND	1.0	11/26/14 17:04	
Bromomethane	ug/L	ND	5.0	11/26/14 17:04	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 17:04	
Chloroethane	ug/L	ND	1.0	11/26/14 17:04	
Chloroform	ug/L	ND	1.0	11/26/14 17:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 17:04	N2
Ethylbenzene	ug/L	ND	1.0	11/26/14 17:04	
Methylene chloride	ug/L	ND	1.0	11/26/14 17:04	
Tetrachloroethene	ug/L	ND	1.0	11/26/14 17:04	
Toluene	ug/L	ND	1.0	11/26/14 17:04	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/26/14 17:04	
Trichloroethene	ug/L	ND	1.0	11/26/14 17:04	
Vinyl chloride	ug/L	ND	1.0	11/26/14 17:04	
Xylene (Total)	ug/L	ND	3.0	11/26/14 17:04	N2
1,2-Dichloroethane-d4 (S)	%	103	80-120	11/26/14 17:04	
4-Bromofluorobenzene (S)	%	98	80-120	11/26/14 17:04	
Toluene-d8 (S)	%	100	80-120	11/26/14 17:04	

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.7	103	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	96	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.7	103	67-124	
1,2-Dichloroethane	ug/L	20	20.3	101	70-126	
1,4-Dichlorobenzene	ug/L	20	20.9	104	74-120	
2-Butanone (MEK)	ug/L	100	92.5	92	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	59-131	N2
Acetone	ug/L	100	100	100	38-134	N2
Benzene	ug/L	20	19.6	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

LABORATORY CONTROL SAMPLE: 1485445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.5	102	68-125	
Bromoform	ug/L	20	20.6	103	65-127	
Bromomethane	ug/L	20	21.6	108	13-157	
Carbon tetrachloride	ug/L	20	20.8	104	70-131	
Chloroethane	ug/L	20	18.9	94	47-133	
Chloroform	ug/L	20	20.1	100	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.1	96	68-127	N2
Ethylbenzene	ug/L	20	20.9	105	74-122	
Methylene chloride	ug/L	20	20.5	102	64-129	
Tetrachloroethene	ug/L	20	20.5	102	73-125	
Toluene	ug/L	20	20.3	101	69-126	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	66-129	
Trichloroethene	ug/L	20	20.5	103	71-123	
Vinyl chloride	ug/L	20	21.0	105	43-129	
Xylene (Total)	ug/L	60	62.1	103	75-121	N2
1,2-Dichloroethane-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1485446

Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	22.0	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.7	104	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	20	21.0	105	52-143	
1,2-Dichloroethane	ug/L	ND	20	20.9	104	49-144	
1,4-Dichlorobenzene	ug/L	ND	20	22.5	-230	33-140	M1
2-Butanone (MEK)	ug/L	33900	100	412	-33525	40-160	M1,N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	105	-284	40-160	M1,N2
Acetone	ug/L	77800	100	1050	-101439	10-160	M1,N2
Benzene	ug/L	ND	20	20.5	-23	37-151	M1
Bromodichloromethane	ug/L	ND	20	21.7	108	35-142	
Bromoform	ug/L	ND	20	21.0	105	45-142	
Bromomethane	ug/L	ND	20	20.5	103	10-158	
Carbon tetrachloride	ug/L	ND	20	22.6	113	70-140	
Chloroethane	ug/L	ND	20	17.7	89	19-152	
Chloroform	ug/L	ND	20	21.4	107	51-138	
cis-1,2-Dichloroethene	ug/L	ND	20	19.9	100	34-147	N2
Ethylbenzene	ug/L	ND	20	21.8	109	40-142	
Methylene chloride	ug/L	ND	20	21.0	-192	31-144	M1
Tetrachloroethene	ug/L	ND	20	21.3	107	64-148	
Toluene	ug/L	ND	20	21.3	31	47-150	M1
trans-1,2-Dichloroethene	ug/L	ND	20	21.6	108	54-151	
Trichloroethene	ug/L	ND	20	20.8	104	71-149	
Vinyl chloride	ug/L	ND	20	17.6	88	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

MATRIX SPIKE SAMPLE:		1485446					
Parameter	Units	60183359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	60	66.3	111	37-144	N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				99	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch:	MSV/66077	Analysis Method:	EPA 624 Low
QC Batch Method:	EPA 624 Low	Analysis Description:	624 MSV
Associated Lab Samples:	60183375001		

METHOD BLANK: 1486483 Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	12/01/14 11:58	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	12/01/14 11:58	
4-Bromofluorobenzene (S)	%	102	80-120	12/01/14 11:58	
Toluene-d8 (S)	%	97	80-120	12/01/14 11:58	

LABORATORY CONTROL SAMPLE: 1486484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	87.8	88	38-134	N2
1,2-Dichloroethane-d4 (S)	%			96	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE SAMPLE: 1486495

Parameter	Units	60183482003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	5990	10000	14900	89	10-160	N2
1,2-Dichloroethane-d4 (S)	%				95	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	HS
Toluene-d8 (S)	%				98	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: OEXT/47295

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60183375001

METHOD BLANK: 1485478

Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/30/14 17:56	
2,4,6-Trichlorophenol	ug/L	ND	5.0	11/30/14 17:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	11/30/14 17:56	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	11/30/14 17:56	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	11/30/14 17:56	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/30/14 17:56	
Hexachlorocyclopentadiene	ug/L	ND	5.0	11/30/14 17:56	
Hexachloroethane	ug/L	ND	5.0	11/30/14 17:56	
Naphthalene	ug/L	ND	5.0	11/30/14 17:56	
Nitrobenzene	ug/L	ND	5.0	11/30/14 17:56	
Pentachlorophenol	ug/L	ND	5.0	11/30/14 17:56	
Phenol	ug/L	ND	5.0	11/30/14 17:56	
2,4,6-Tribromophenol (S)	%	102	39-120	11/30/14 17:56	
2-Fluorobiphenyl (S)	%	94	39-120	11/30/14 17:56	
2-Fluorophenol (S)	%	61	17-120	11/30/14 17:56	
Nitrobenzene-d5 (S)	%	95	33-120	11/30/14 17:56	
Phenol-d6 (S)	%	44	11-120	11/30/14 17:56	
Terphenyl-d14 (S)	%	110	45-120	11/30/14 17:56	

LABORATORY CONTROL SAMPLE: 1485479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	49.2	98	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.3	85	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.7	79	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	54.1	108	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.5	81	44-116	
Hexachlorocyclopentadiene	ug/L	100	29.9	30	24-120	
Hexachloroethane	ug/L	50	39.7	79	43-113	
Naphthalene	ug/L	50	46.1	92	48-120	
Nitrobenzene	ug/L	50	44.1	88	48-120	
Pentachlorophenol	ug/L	50	55.3	111	47-120	
Phenol	ug/L	50	24.1	48	16-112	
2,4,6-Tribromophenol (S)	%			103	39-120	
2-Fluorobiphenyl (S)	%			96	39-120	
2-Fluorophenol (S)	%			62	17-120	
Nitrobenzene-d5 (S)	%			95	33-120	
Phenol-d6 (S)	%			46	11-120	
Terphenyl-d14 (S)	%			104	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

MATRIX SPIKE SAMPLE:	1485480	60183359001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4040	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4990	100	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	4350	87	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	3920	5000	7020	62	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	5460	109	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3780	76	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	2880	29	11-120	
Hexachloroethane	ug/L	ND	5000	3730	75	40-113	
Naphthalene	ug/L	ND	5000	4450	87	45-120	
Nitrobenzene	ug/L	ND	5000	5460	109	38-120	
Pentachlorophenol	ug/L	ND	5000	6900	138	43-135	M1
Phenol	ug/L	7470	5000	8450	20	13-112	
2,4,6-Tribromophenol (S)	%				100	39-120	
2-Fluorobiphenyl (S)	%				94	39-120	
2-Fluorophenol (S)	%				65	17-120	
Nitrobenzene-d5 (S)	%				105	33-120	
Phenol-d6 (S)	%				50	11-120	
Terphenyl-d14 (S)	%				103	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch:	WET/51816	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183375001		

METHOD BLANK: 1486706 Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:38	

LABORATORY CONTROL SAMPLE: 1486707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.6	102	78-114	

MATRIX SPIKE SAMPLE: 1486709

Parameter	Units	60183037003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	209	41.7	253	107	78-114	

SAMPLE DUPLICATE: 1486708

Parameter	Units	60183037001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	5.1	5.3	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch:	WET/51795	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60183375001		

METHOD BLANK: 1486362 Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/01/14 10:39	

SAMPLE DUPLICATE: 1486363

Parameter	Units	60183357001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

SAMPLE DUPLICATE: 1486364

Parameter	Units	60183395002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	ND		10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: WET/51804 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183375001

SAMPLE DUPLICATE: 1486474

Parameter	Units	60183482002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: WET/51770

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183375001

METHOD BLANK: 1486050

Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/01/14 13:11	

LABORATORY CONTROL SAMPLE: 1486051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	188	95	85-115	

SAMPLE DUPLICATE: 1486052

Parameter	Units	60183390010 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	ND	ND		17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch: WETA/32008

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183375001

METHOD BLANK: 1486785

Matrix: Water

Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

QC Batch:	WETA/32032	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183375001		

METHOD BLANK: 1487741 Matrix: Water
Associated Lab Samples: 60183375001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/04/14 15:35	

LABORATORY CONTROL SAMPLE: 1487742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.0	98	90-110	

MATRIX SPIKE SAMPLE: 1487743

Parameter	Units	60183237002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2650	1250	3690	83	90-110	M1

MATRIX SPIKE SAMPLE: 1487745

Parameter	Units	60183115002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.2	50	79.5	99	90-110	

SAMPLE DUPLICATE: 1487744

Parameter	Units	60183375001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	24500	24100	2	25	

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QUALIFIERS

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/66048

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-077

Pace Project No.: 60183375

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183375001	T1-077	EPA 200.7	MPRP/29976	EPA 200.7	ICP/22435
60183375001	T1-077	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183375001	T1-077	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183375001	T1-077	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183375001	T1-077	EPA 625	OEXT/47295	EPA 625	MSSV/15245
60183375001	T1-077	EPA 624 Low	MSV/66048		
60183375001	T1-077	EPA 624 Low	MSV/66077		
60183375002	TRIP BLANK	EPA 624 Low	MSV/66048		
60183375001	T1-077	EPA 1664A	WET/51816		
60183375001	T1-077	SM 2540D	WET/51795		
60183375001	T1-077	SM 4500-H+B	WET/51804		
60183375001	T1-077	SM 5210B	WET/51770	SM 5210B	WET/51813
60183375001	T1-077	EPA 350.1	WETA/32008		
60183375001	T1-077	EPA 410.4	WETA/32032		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183375



60183375

Client Name: Bur

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other gel

Thermometer Used: T-239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 4.3

Temperature should be above freezing to 6°C

Date and initials of person examining contents: RP 11/26/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses <u>Y</u> Matrix: <u>water</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>covered</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
		16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: [Signature]



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR		Attention: AMY HARGROVE/BRIAN POWER	
Address:		Copy To: SCOTT FEDAK/FEEZOR		Company Name: REPUBLIC SERVICES	
		DANA BAKER/MARGARET TREANOR -BARR		Address: BRIDGETON, MO 63044	
Email To:		Purchase Order No.		Pace Quote Reference: 130426 7588	
Phone: (816) 285-8410 Fax:		Client Project ID: BRIDGETON LF		Pace Project Manager: Brown, Angie	
Requested Due Date/TAT: 10 Day (Default)		Container Order Number:		Pace Profile #: 7585 LINE 2	

Regulatory Agency
State / Location
Missouri

ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample IDs must be unique	MATRIX CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Requested Analysis Filtered (Y/N)															Residual Chlorine (Y/N)										
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol		Other	Analyses Test Y/N	COD EPA 410	pH SM 4500H+B	LF DIS METALS 200.7/245	TOTAL METALS 200.7/245	AMMONIA EPA 350	O/G EPA 1664	625 SVOCs	VOCs EPA 624	TSS SM2540D	TPH/HEM-SGT-1084	BOD SM 5210B													
						DATE	TIME	DATE	TIME																																				
1	5049U T1-077 (BP3N) (BP3S) 2(AS3S) 60 6.0			OT	G	11/25/14	1103			14	10	13	1	0	2(8P2U)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	(BP3S) 2(84U)	61					
2	TRIP BLANK									2	2																													2	2				
3																																													
4																																													
5																																													
6																																													
7																																													
8																																													
9																																													
10																																													
11																																													
12																																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SITE CONTACT: BILL ABERNATHY 314-502-1299	Paul Unsubit / Kel	11/25/14	12:13 pm	William Abernathy	11/25/14	12:13 pm	
SITE ADDRESS: BRIDGETON LF				Ben B. Vogel Pace	1/26	0820	4.3 Y Y Y
13570 ST CHARLES ROCK RD							
BRIDGETON MO 63044							

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: WILLIAM ABERNATHY	SIGNATURE of SAMPLER:				

December 05, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

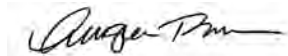
RE: Project: BRIDGETON LF T1-078
Pace Project No.: 60183481

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 27, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



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CERTIFICATIONS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183481001	TI-078	Water	11/26/14 07:00	11/27/14 01:30
60183481002	TRIP BLANK	Water	11/26/14 07:00	11/27/14 01:30

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183481001	TI-078	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183481002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Sample: TI-078	Lab ID: 60183481001	Collected: 11/26/14 07:00	Received: 11/27/14 01:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	8880 ug/L		375	1	12/02/14 08:35	12/03/14 13:07	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/02/14 08:35	12/03/14 13:07	7440-36-0	
Arsenic	595 ug/L		50.0	1	12/02/14 08:35	12/03/14 13:07	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/02/14 08:35	12/03/14 13:07	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:07	7440-43-9	
Chromium	160 ug/L		25.0	1	12/02/14 08:35	12/03/14 13:07	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:07	7440-48-4	
Copper	ND	ug/L	50.0	1	12/02/14 08:35	12/03/14 13:07	7440-50-8	
Iron	445000 ug/L		250	1	12/02/14 08:35	12/03/14 13:07	7439-89-6	
Lead	83.7 ug/L		25.0	1	12/02/14 08:35	12/03/14 13:07	7439-92-1	
Nickel	71.8 ug/L		25.0	1	12/02/14 08:35	12/03/14 13:07	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/02/14 08:35	12/03/14 13:07	7782-49-2	
Silver	ND	ug/L	35.0	1	12/02/14 08:35	12/03/14 13:07	7440-22-4	
Thallium	ND	ug/L	100	1	12/02/14 08:35	12/03/14 13:07	7440-28-0	
Zinc	3430 ug/L		250	1	12/02/14 08:35	12/03/14 13:07	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND	ug/L	375	1	12/03/14 16:05	12/04/14 13:24	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:24	7440-36-0	
Arsenic, Dissolved	414 ug/L		50.0	1	12/03/14 16:05	12/04/14 13:24	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/03/14 16:05	12/04/14 13:24	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:24	7440-43-9	
Chromium, Dissolved	83.7 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:24	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:24	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:24	7440-50-8	
Iron, Dissolved	80900 ug/L		250	1	12/03/14 16:05	12/04/14 13:24	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:24	7439-92-1	
Nickel, Dissolved	56.4 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:24	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/03/14 16:05	12/04/14 13:24	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/03/14 16:05	12/04/14 13:24	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/03/14 16:05	12/04/14 13:24	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/03/14 16:05	12/04/14 13:24	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND	ug/L	6.0	1	12/02/14 14:00	12/03/14 09:32	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND	ug/L	0.60	1	12/04/14 08:30	12/04/14 13:02	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/01/14 00:00	12/02/14 15:40	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/01/14 00:00	12/02/14 15:40	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/01/14 00:00	12/02/14 15:40	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/01/14 00:00	12/02/14 15:40	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/01/14 00:00	12/02/14 15:40	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	3760 ug/L		2000	1	12/01/14 00:00	12/02/14 15:40		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Sample: TI-078 **Lab ID: 60183481001** Collected: 11/26/14 07:00 Received: 11/27/14 01:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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625 MSSV

Analytical Method: EPA 625 Preparation Method: EPA 625

Naphthalene	ND ug/L		500	1	12/01/14 00:00	12/02/14 15:40	91-20-3	
Nitrobenzene	ND ug/L		500	1	12/01/14 00:00	12/02/14 15:40	98-95-3	
Pentachlorophenol	ND ug/L		500	1	12/01/14 00:00	12/02/14 15:40	87-86-5	
Phenol	5760 ug/L		500	1	12/01/14 00:00	12/02/14 15:40	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	12/01/14 00:00	12/02/14 15:40	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	12/01/14 00:00	12/02/14 15:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	108 %		33-120	1	12/01/14 00:00	12/02/14 15:40	4165-60-0	
2-Fluorobiphenyl (S)	91 %		39-120	1	12/01/14 00:00	12/02/14 15:40	321-60-8	
Terphenyl-d14 (S)	93 %		45-120	1	12/01/14 00:00	12/02/14 15:40	1718-51-0	
Phenol-d6 (S)	33 %		11-120	1	12/01/14 00:00	12/02/14 15:40	13127-88-3	
2-Fluorophenol (S)	57 %		17-120	1	12/01/14 00:00	12/02/14 15:40	367-12-4	
2,4,6-Tribromophenol (S)	96 %		39-120	1	12/01/14 00:00	12/02/14 15:40	118-79-6	

624 Volatile Organics

Analytical Method: EPA 624 Low

Acetone	75700 ug/L		2000	200		12/01/14 14:39	67-64-1	N2
Benzene	ND ug/L		200	200		12/01/14 14:39	71-43-2	
Bromodichloromethane	ND ug/L		200	200		12/01/14 14:39	75-27-4	
Bromoform	ND ug/L		200	200		12/01/14 14:39	75-25-2	
Bromomethane	ND ug/L		1000	200		12/01/14 14:39	74-83-9	
2-Butanone (MEK)	29100 ug/L		2000	200		12/01/14 14:39	78-93-3	N2
Carbon tetrachloride	ND ug/L		200	200		12/01/14 14:39	56-23-5	
Chloroethane	ND ug/L		200	200		12/01/14 14:39	75-00-3	
Chloroform	ND ug/L		200	200		12/01/14 14:39	67-66-3	
1,4-Dichlorobenzene	ND ug/L		200	200		12/01/14 14:39	106-46-7	
1,2-Dichloroethane	ND ug/L		200	200		12/01/14 14:39	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		200	200		12/01/14 14:39	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		200	200		12/01/14 14:39	156-60-5	
Ethylbenzene	ND ug/L		200	200		12/01/14 14:39	100-41-4	
Methylene chloride	ND ug/L		200	200		12/01/14 14:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		2000	200		12/01/14 14:39	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		200	200		12/01/14 14:39	79-34-5	N2
Tetrachloroethene	ND ug/L		200	200		12/01/14 14:39	127-18-4	
Toluene	ND ug/L		200	200		12/01/14 14:39	108-88-3	
1,1,1-Trichloroethane	ND ug/L		200	200		12/01/14 14:39	71-55-6	
1,1,2-Trichloroethane	ND ug/L		200	200		12/01/14 14:39	79-00-5	
Trichloroethene	ND ug/L		200	200		12/01/14 14:39	79-01-6	
Vinyl chloride	ND ug/L		200	200		12/01/14 14:39	75-01-4	
Xylene (Total)	ND ug/L		600	200		12/01/14 14:39	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	200		12/01/14 14:39	460-00-4	
Toluene-d8 (S)	102 %		80-120	200		12/01/14 14:39	2037-26-5	
1,2-Dichloroethane-d4 (S)	96 %		80-120	200		12/01/14 14:39	17060-07-0	
Preservation pH	6.0		1.0	200		12/01/14 14:39		

HEM, Oil and Grease

Analytical Method: EPA 1664A

Oil and Grease	251 mg/L		5.0	1		12/01/14 15:42		
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Sample: T1-078		Lab ID: 60183481001	Collected: 11/26/14 07:00	Received: 11/27/14 01:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	7520	mg/L	5.0	1		12/01/14 10:46		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		12/01/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	8340	mg/L	2.0	1	11/27/14 12:07	12/02/14 09:26		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	110	mg/L	5.0	50		12/02/14 19:14	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	23700	mg/L	2500	250		12/04/14 15:39		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Sample: TRIP BLANK		Lab ID: 60183481002	Collected: 11/26/14 07:00	Received: 11/27/14 01:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		12/01/14 15:36	67-64-1	N2
Benzene	ND ug/L		1.0	1		12/01/14 15:36	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		12/01/14 15:36	75-27-4	
Bromoform	ND ug/L		1.0	1		12/01/14 15:36	75-25-2	
Bromomethane	ND ug/L		5.0	1		12/01/14 15:36	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		12/01/14 15:36	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		12/01/14 15:36	56-23-5	
Chloroethane	ND ug/L		1.0	1		12/01/14 15:36	75-00-3	
Chloroform	ND ug/L		1.0	1		12/01/14 15:36	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		12/01/14 15:36	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		12/01/14 15:36	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		12/01/14 15:36	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		12/01/14 15:36	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		12/01/14 15:36	100-41-4	
Methylene chloride	ND ug/L		1.0	1		12/01/14 15:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		12/01/14 15:36	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		12/01/14 15:36	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		12/01/14 15:36	127-18-4	
Toluene	ND ug/L		1.0	1		12/01/14 15:36	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		12/01/14 15:36	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		12/01/14 15:36	79-00-5	
Trichloroethene	ND ug/L		1.0	1		12/01/14 15:36	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		12/01/14 15:36	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		12/01/14 15:36	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	103 %		80-120	1		12/01/14 15:36	460-00-4	
Toluene-d8 (S)	98 %		80-120	1		12/01/14 15:36	2037-26-5	
1,2-Dichloroethane-d4 (S)	99 %		80-120	1		12/01/14 15:36	17060-07-0	
Preservation pH	6.0		1.0	1		12/01/14 15:36		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183481001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20	M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: MERP/9112

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183481001

METHOD BLANK: 1488287

Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch:	MPRP/29997	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	60183481001		

METHOD BLANK: 1486922 Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/03/14 13:00	
Antimony	ug/L	ND	10.0	12/03/14 13:00	
Arsenic	ug/L	ND	10.0	12/03/14 13:00	
Beryllium	ug/L	ND	1.0	12/03/14 13:00	
Cadmium	ug/L	ND	5.0	12/03/14 13:00	
Chromium	ug/L	ND	5.0	12/03/14 13:00	
Cobalt	ug/L	ND	5.0	12/03/14 13:00	
Copper	ug/L	ND	10.0	12/03/14 13:00	
Iron	ug/L	ND	50.0	12/03/14 13:00	
Lead	ug/L	ND	5.0	12/03/14 13:00	
Nickel	ug/L	ND	5.0	12/03/14 13:00	
Selenium	ug/L	ND	15.0	12/03/14 13:00	
Silver	ug/L	ND	7.0	12/03/14 13:00	
Thallium	ug/L	ND	20.0	12/03/14 13:00	
Zinc	ug/L	ND	50.0	12/03/14 13:00	

LABORATORY CONTROL SAMPLE: 1486923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9910	99	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	999	100	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	993	99	85-115	
Cobalt	ug/L	1000	1030	103	85-115	
Copper	ug/L	1000	994	99	85-115	
Iron	ug/L	10000	9890	99	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1030	103	85-115	
Selenium	ug/L	1000	1010	101	85-115	
Silver	ug/L	500	495	99	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1486924			1486925										
Parameter	Units	60183400005 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	ND	10000	10000	10000	9900	100	99	70-130	1	20		
Antimony	ug/L	ND	1000	1000	1070	1070	107	106	70-130	0	20		
Arsenic	ug/L	ND	1000	1000	1030	1020	103	102	70-130	0	20		
Beryllium	ug/L	ND	1000	1000	1010	1010	101	101	70-130	1	20		
Cadmium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Chromium	ug/L	ND	1000	1000	990	980	99	98	70-130	1	20		
Cobalt	ug/L	ND	1000	1000	1020	1020	102	102	70-130	1	20		
Copper	ug/L	ND	1000	1000	1010	1000	101	100	70-130	1	20		
Iron	ug/L	ND	10000	10000	9890	9730	99	97	70-130	2	20		
Lead	ug/L	ND	1000	1000	999	992	100	99	70-130	1	20		
Nickel	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Selenium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	0	20		
Silver	ug/L	ND	500	500	499	495	100	99	70-130	1	20		
Thallium	ug/L	ND	1000	1000	995	987	100	99	70-130	1	20		
Zinc	ug/L	ND	1000	1000	982	980	98	98	70-130	0	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078
Pace Project No.: 60183481

QC Batch: MPRP/30036 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60183481001

METHOD BLANK: 1488118 Matrix: Water
Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488120		1488121		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20		
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20		
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20		
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20		
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20		
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20		
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20		
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20		
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: MSV/66077 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183481001, 60183481002

METHOD BLANK: 1486483 Matrix: Water

Associated Lab Samples: 60183481001, 60183481002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/01/14 11:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/01/14 11:58	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/01/14 11:58	
1,2-Dichloroethane	ug/L	ND	1.0	12/01/14 11:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/01/14 11:58	
2-Butanone (MEK)	ug/L	ND	10.0	12/01/14 11:58	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/01/14 11:58	N2
Acetone	ug/L	ND	10.0	12/01/14 11:58	N2
Benzene	ug/L	ND	1.0	12/01/14 11:58	
Bromodichloromethane	ug/L	ND	1.0	12/01/14 11:58	
Bromoform	ug/L	ND	1.0	12/01/14 11:58	
Bromomethane	ug/L	ND	5.0	12/01/14 11:58	
Carbon tetrachloride	ug/L	ND	1.0	12/01/14 11:58	
Chloroethane	ug/L	ND	1.0	12/01/14 11:58	
Chloroform	ug/L	ND	1.0	12/01/14 11:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/01/14 11:58	N2
Ethylbenzene	ug/L	ND	1.0	12/01/14 11:58	
Methylene chloride	ug/L	ND	1.0	12/01/14 11:58	
Tetrachloroethene	ug/L	ND	1.0	12/01/14 11:58	
Toluene	ug/L	ND	1.0	12/01/14 11:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/01/14 11:58	
Trichloroethene	ug/L	ND	1.0	12/01/14 11:58	
Vinyl chloride	ug/L	ND	1.0	12/01/14 11:58	
Xylene (Total)	ug/L	ND	3.0	12/01/14 11:58	N2
1,2-Dichloroethane-d4 (S)	%	101	80-120	12/01/14 11:58	
4-Bromofluorobenzene (S)	%	102	80-120	12/01/14 11:58	
Toluene-d8 (S)	%	97	80-120	12/01/14 11:58	

LABORATORY CONTROL SAMPLE: 1486484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	18.1	90	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	18.6	93	67-127	N2
1,1,2-Trichloroethane	ug/L	20	16.5	83	67-124	
1,2-Dichloroethane	ug/L	20	18.1	91	70-126	
1,4-Dichlorobenzene	ug/L	20	19.0	95	74-120	
2-Butanone (MEK)	ug/L	100	93.1	93	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	59-131	N2
Acetone	ug/L	100	87.8	88	38-134	N2
Benzene	ug/L	20	18.6	93	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

LABORATORY CONTROL SAMPLE: 1486484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	18.5	93	68-125	
Bromoform	ug/L	20	18.8	94	65-127	
Bromomethane	ug/L	20	18.9	94	13-157	
Carbon tetrachloride	ug/L	20	17.4	87	70-131	
Chloroethane	ug/L	20	16.9	85	47-133	
Chloroform	ug/L	20	17.4	87	65-127	
cis-1,2-Dichloroethene	ug/L	20	17.8	89	68-127	N2
Ethylbenzene	ug/L	20	18.7	94	74-122	
Methylene chloride	ug/L	20	19.1	96	64-129	
Tetrachloroethene	ug/L	20	17.6	88	73-125	
Toluene	ug/L	20	19.9	99	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.7	89	66-129	
Trichloroethene	ug/L	20	18.2	91	71-123	
Vinyl chloride	ug/L	20	22.7	113	43-129	
Xylene (Total)	ug/L	60	58.0	97	75-121	N2
1,2-Dichloroethane-d4 (S)	%			96	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE SAMPLE: 1486495

Parameter	Units	60183482003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	2000	2240	112	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2070	104	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	2000	1980	99	52-143	
1,2-Dichloroethane	ug/L	ND	2000	1930	97	49-144	
1,4-Dichlorobenzene	ug/L	ND	2000	2120	104	33-140	
2-Butanone (MEK)	ug/L	3670	10000	13400	97	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	9840	97	40-160	N2
Acetone	ug/L	5990	10000	14900	89	10-160	N2
Benzene	ug/L	ND	2000	2080	104	37-151	
Bromodichloromethane	ug/L	ND	2000	2090	104	35-142	
Bromoform	ug/L	ND	2000	2040	102	45-142	
Bromomethane	ug/L	ND	2000	1750	88	10-158	
Carbon tetrachloride	ug/L	ND	2000	2240	112	70-140	
Chloroethane	ug/L	ND	2000	1480	74	19-152	
Chloroform	ug/L	ND	2000	2010	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	2000	2050	103	34-147	N2
Ethylbenzene	ug/L	ND	2000	2170	109	40-142	
Methylene chloride	ug/L	ND	2000	2040	100	31-144	
Tetrachloroethene	ug/L	ND	2000	2170	108	64-148	
Toluene	ug/L	ND	2000	2090	104	47-150	
trans-1,2-Dichloroethene	ug/L	ND	2000	2100	105	54-151	
Trichloroethene	ug/L	ND	2000	2080	104	71-149	
Vinyl chloride	ug/L	ND	2000	2400	120	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

MATRIX SPIKE SAMPLE:		1486495					
Parameter	Units	60183482003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	6000	6400	107	37-144	N2
1,2-Dichloroethane-d4 (S)	%				95	80-120	
4-Bromofluorobenzene (S)	%				101	80-120	HS
Toluene-d8 (S)	%				98	80-120	
Preservation pH		6.0		6.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: OEXT/47313 Analysis Method: EPA 625
 QC Batch Method: EPA 625 Analysis Description: 625 MSS
 Associated Lab Samples: 60183481001

METHOD BLANK: 1486397 Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/02/14 14:59	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/02/14 14:59	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/02/14 14:59	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/02/14 14:59	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/02/14 14:59	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/02/14 14:59	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/02/14 14:59	
Hexachloroethane	ug/L	ND	5.0	12/02/14 14:59	
Naphthalene	ug/L	ND	5.0	12/02/14 14:59	
Nitrobenzene	ug/L	ND	5.0	12/02/14 14:59	
Pentachlorophenol	ug/L	ND	5.0	12/02/14 14:59	
Phenol	ug/L	ND	5.0	12/02/14 14:59	
2,4,6-Tribromophenol (S)	%	95	39-120	12/02/14 14:59	
2-Fluorobiphenyl (S)	%	92	39-120	12/02/14 14:59	
2-Fluorophenol (S)	%	52	17-120	12/02/14 14:59	
Nitrobenzene-d5 (S)	%	85	33-120	12/02/14 14:59	
Phenol-d6 (S)	%	32	11-120	12/02/14 14:59	
Terphenyl-d14 (S)	%	92	45-120	12/02/14 14:59	

LABORATORY CONTROL SAMPLE: 1486398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.5	89	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.0	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.0	70	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	49.5	99	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.5	87	44-116	
Hexachlorocyclopentadiene	ug/L	100	46.2	46	24-120	
Hexachloroethane	ug/L	50	42.3	85	43-113	
Naphthalene	ug/L	50	45.3	91	48-120	
Nitrobenzene	ug/L	50	38.8	78	48-120	
Pentachlorophenol	ug/L	50	53.5	107	47-120	
Phenol	ug/L	50	17.0	34	16-112	
2,4,6-Tribromophenol (S)	%			95	39-120	
2-Fluorobiphenyl (S)	%			94	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			96	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

MATRIX SPIKE SAMPLE:	1486399	60183391001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	43.2	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	46.3	93	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	30.5	61	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	28.6	57	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	49.0	98	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	41.9	84	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	52.1	52	11-120	
Hexachloroethane	ug/L	ND	50	41.8	84	40-113	
Naphthalene	ug/L	ND	50	44.3	89	45-120	
Nitrobenzene	ug/L	ND	50	48.8	98	38-120	
Pentachlorophenol	ug/L	ND	50	55.0	110	43-135	
Phenol	ug/L	ND	50	17.6	35	13-112	
2,4,6-Tribromophenol (S)	%				99	39-120	
2-Fluorobiphenyl (S)	%				98	39-120	
2-Fluorophenol (S)	%				49	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				34	11-120	
Terphenyl-d14 (S)	%				98	45-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch:	WET/51816	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183481001		

METHOD BLANK: 1486706 Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:38	

LABORATORY CONTROL SAMPLE: 1486707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.6	102	78-114	

MATRIX SPIKE SAMPLE: 1486709

Parameter	Units	60183037003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	209	41.7	253	107	78-114	

SAMPLE DUPLICATE: 1486708

Parameter	Units	60183037001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	5.1	5.3	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch:	WET/51796	Analysis Method:	SM 2540D
QC Batch Method:	SM 2540D	Analysis Description:	2540D Total Suspended Solids
Associated Lab Samples:	60183481001		

METHOD BLANK: 1486365 Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/01/14 10:43	

SAMPLE DUPLICATE: 1486366

Parameter	Units	60183450011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10	8.0	22	10	D6

SAMPLE DUPLICATE: 1486367

Parameter	Units	60183461001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	57.0	70.0	20	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: WET/51804 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183481001

SAMPLE DUPLICATE: 1486474

Parameter	Units	60183482002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: WET/51773

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183481001

METHOD BLANK: 1486125

Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/02/14 08:53	

LABORATORY CONTROL SAMPLE: 1486126

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	173	88	85-115	

SAMPLE DUPLICATE: 1486127

Parameter	Units	60183349001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	50.8	53.6	5	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch: WETA/32008

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183481001

METHOD BLANK: 1486785

Matrix: Water

Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

QC Batch:	WETA/32032	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183481001		

METHOD BLANK: 1487741 Matrix: Water
Associated Lab Samples: 60183481001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/04/14 15:35	

LABORATORY CONTROL SAMPLE: 1487742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.0	98	90-110	

MATRIX SPIKE SAMPLE: 1487743

Parameter	Units	60183237002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2650	1250	3690	83	90-110	M1

MATRIX SPIKE SAMPLE: 1487745

Parameter	Units	60183115002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.2	50	79.5	99	90-110	

SAMPLE DUPLICATE: 1487744

Parameter	Units	60183375001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	24500	24100	2	25	

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QUALIFIERS

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-078

Pace Project No.: 60183481

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183481001	TI-078	EPA 200.7	MPRP/29997	EPA 200.7	ICP/22451
60183481001	TI-078	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183481001	TI-078	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183481001	TI-078	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183481001	TI-078	EPA 625	OEXT/47313	EPA 625	MSSV/15261
60183481001	TI-078	EPA 624 Low	MSV/66077		
60183481002	TRIP BLANK	EPA 624 Low	MSV/66077		
60183481001	TI-078	EPA 1664A	WET/51816		
60183481001	TI-078	SM 2540D	WET/51796		
60183481001	TI-078	SM 4500-H+B	WET/51804		
60183481001	TI-078	SM 5210B	WET/51773	SM 5210B	WET/51828
60183481001	TI-078	EPA 350.1	WETA/32008		
60183481001	TI-078	EPA 410.4	WETA/32032		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183481



60183481

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other ground

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2 PIC

Thermometer Used: -239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 4-7

Temperature should be above freezing to 6°C

Date and initials of person examining contents: PV 12/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>BOD PH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <u>BP356.0</u>
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Added 2.5 ml of HNO3 to BP356.0/45</u>
Includes date/time/ID/analyses Matrix: <u>WT</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed <u>PV</u> Lot # of added preservative <u>12513 3220</u>
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Exceptions: <u>VOA</u> , coliform, TOC, <u>O&G</u> WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17. List State: <u>MO</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank lot # (if purchased): <u>Cover</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 12/14

December 05, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-079
Pace Project No.: 60183492

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on November 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183492001	T1-079	Water	11/28/14 09:28	11/29/14 01:25
60183492002	TRIP BLANK	Water	11/28/14 09:28	11/29/14 01:25

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183492001	T1-079	EPA 200.7	SMW	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	ESM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183492002	TRIP BLANK	EPA 624 Low

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Sample: T1-079	Lab ID: 60183492001	Collected: 11/28/14 09:28	Received: 11/29/14 01:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	9820	ug/L	375	1	12/02/14 08:35	12/03/14 13:11	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/02/14 08:35	12/03/14 13:11	7440-36-0	
Arsenic	626	ug/L	50.0	1	12/02/14 08:35	12/03/14 13:11	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/02/14 08:35	12/03/14 13:11	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:11	7440-43-9	
Chromium	186	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:11	7440-47-3	
Cobalt	25.1	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:11	7440-48-4	
Copper	ND	ug/L	50.0	1	12/02/14 08:35	12/03/14 13:11	7440-50-8	
Iron	584000	ug/L	250	1	12/02/14 08:35	12/03/14 13:11	7439-89-6	
Lead	109	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:11	7439-92-1	
Nickel	75.0	ug/L	25.0	1	12/02/14 08:35	12/03/14 13:11	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/02/14 08:35	12/03/14 13:11	7782-49-2	
Silver	ND	ug/L	35.0	1	12/02/14 08:35	12/03/14 13:11	7440-22-4	
Thallium	ND	ug/L	100	1	12/02/14 08:35	12/03/14 13:11	7440-28-0	
Zinc	4790	ug/L	250	1	12/02/14 08:35	12/03/14 13:11	7440-66-6	
200.7 Metals, Dissolved (LF) Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	386	ug/L	375	1	12/03/14 16:05	12/04/14 13:31	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:31	7440-36-0	
Arsenic, Dissolved	452	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:31	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/03/14 16:05	12/04/14 13:31	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:31	7440-43-9	
Chromium, Dissolved	97.0	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:31	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:31	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:31	7440-50-8	
Iron, Dissolved	70200	ug/L	250	1	12/03/14 16:05	12/04/14 13:31	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:31	7439-92-1	
Nickel, Dissolved	74.2	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:31	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/03/14 16:05	12/04/14 13:31	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/03/14 16:05	12/04/14 13:31	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/03/14 16:05	12/04/14 13:31	7440-28-0	
Zinc, Dissolved	619	ug/L	250	1	12/03/14 16:05	12/04/14 13:31	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND	ug/L	6.0	1	12/02/14 14:00	12/03/14 09:34	7439-97-6	
245.1 Mercury, Dissolved (LF) Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND	ug/L	0.60	1	12/04/14 08:30	12/04/14 13:04	7439-97-6	
625 MSSV Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/01/14 00:00	12/02/14 16:01	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/01/14 00:00	12/02/14 16:01	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/01/14 00:00	12/02/14 16:01	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/01/14 00:00	12/02/14 16:01	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/01/14 00:00	12/02/14 16:01	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2450	ug/L	2000	1	12/01/14 00:00	12/02/14 16:01		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Sample: T1-079	Lab ID: 60183492001	Collected: 11/28/14 09:28	Received: 11/29/14 01:25	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	12/01/14 00:00	12/02/14 16:01	91-20-3	
Nitrobenzene	ND ug/L		500	1	12/01/14 00:00	12/02/14 16:01	98-95-3	
Pentachlorophenol	ND ug/L		500	1	12/01/14 00:00	12/02/14 16:01	87-86-5	
Phenol	4490 ug/L		500	1	12/01/14 00:00	12/02/14 16:01	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	12/01/14 00:00	12/02/14 16:01	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	12/01/14 00:00	12/02/14 16:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	108 %		33-120	1	12/01/14 00:00	12/02/14 16:01	4165-60-0	
2-Fluorobiphenyl (S)	86 %		39-120	1	12/01/14 00:00	12/02/14 16:01	321-60-8	
Terphenyl-d14 (S)	85 %		45-120	1	12/01/14 00:00	12/02/14 16:01	1718-51-0	
Phenol-d6 (S)	32 %		11-120	1	12/01/14 00:00	12/02/14 16:01	13127-88-3	
2-Fluorophenol (S)	53 %		17-120	1	12/01/14 00:00	12/02/14 16:01	367-12-4	
2,4,6-Tribromophenol (S)	91 %		39-120	1	12/01/14 00:00	12/02/14 16:01	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	48500 ug/L		2000	200		12/04/14 12:31	67-64-1	N2
Benzene	ND ug/L		200	200		12/04/14 12:31	71-43-2	
Bromodichloromethane	ND ug/L		200	200		12/04/14 12:31	75-27-4	
Bromoform	ND ug/L		200	200		12/04/14 12:31	75-25-2	
Bromomethane	ND ug/L		1000	200		12/04/14 12:31	74-83-9	
2-Butanone (MEK)	18500 ug/L		2000	200		12/04/14 12:31	78-93-3	N2
Carbon tetrachloride	ND ug/L		200	200		12/04/14 12:31	56-23-5	
Chloroethane	ND ug/L		200	200		12/04/14 12:31	75-00-3	
Chloroform	ND ug/L		200	200		12/04/14 12:31	67-66-3	
1,4-Dichlorobenzene	ND ug/L		200	200		12/04/14 12:31	106-46-7	
1,2-Dichloroethane	ND ug/L		200	200		12/04/14 12:31	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		200	200		12/04/14 12:31	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		200	200		12/04/14 12:31	156-60-5	
Ethylbenzene	ND ug/L		200	200		12/04/14 12:31	100-41-4	
Methylene chloride	ND ug/L		200	200		12/04/14 12:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		2000	200		12/04/14 12:31	108-10-1	N2
1,1,2-Tetrachloroethane	ND ug/L		200	200		12/04/14 12:31	79-34-5	N2
Tetrachloroethene	ND ug/L		200	200		12/04/14 12:31	127-18-4	
Toluene	ND ug/L		200	200		12/04/14 12:31	108-88-3	
1,1,1-Trichloroethane	ND ug/L		200	200		12/04/14 12:31	71-55-6	
1,1,2-Trichloroethane	ND ug/L		200	200		12/04/14 12:31	79-00-5	
Trichloroethene	ND ug/L		200	200		12/04/14 12:31	79-01-6	
Vinyl chloride	ND ug/L		200	200		12/04/14 12:31	75-01-4	
Xylene (Total)	ND ug/L		600	200		12/04/14 12:31	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	105 %		80-120	200		12/04/14 12:31	460-00-4	
Toluene-d8 (S)	103 %		80-120	200		12/04/14 12:31	2037-26-5	
1,2-Dichloroethane-d4 (S)	95 %		80-120	200		12/04/14 12:31	17060-07-0	
Preservation pH	7.0		1.0	200		12/04/14 12:31		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	246 mg/L		5.0	1		12/01/14 15:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Sample: T1-079		Lab ID: 60183492001	Collected: 11/28/14 09:28	Received: 11/29/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	9780	mg/L	5.0	1		12/01/14 10:47		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.1	Std. Units	0.10	1		12/01/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	11100	mg/L	2.0	1	11/29/14 09:18	12/04/14 11:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	121	mg/L	5.0	50		12/02/14 19:15	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	26500	mg/L	2500	250		12/04/14 15:40		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Sample: TRIP BLANK		Lab ID: 60183492002	Collected: 11/28/14 09:28	Received: 11/29/14 01:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		12/04/14 14:52	67-64-1	N2
Benzene	ND ug/L		1.0	1		12/04/14 14:52	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		12/04/14 14:52	75-27-4	
Bromoform	ND ug/L		1.0	1		12/04/14 14:52	75-25-2	
Bromomethane	ND ug/L		5.0	1		12/04/14 14:52	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		12/04/14 14:52	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		12/04/14 14:52	56-23-5	
Chloroethane	ND ug/L		1.0	1		12/04/14 14:52	75-00-3	
Chloroform	ND ug/L		1.0	1		12/04/14 14:52	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		12/04/14 14:52	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		12/04/14 14:52	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 14:52	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 14:52	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		12/04/14 14:52	100-41-4	
Methylene chloride	ND ug/L		1.0	1		12/04/14 14:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		12/04/14 14:52	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		12/04/14 14:52	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		12/04/14 14:52	127-18-4	
Toluene	ND ug/L		1.0	1		12/04/14 14:52	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		12/04/14 14:52	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		12/04/14 14:52	79-00-5	
Trichloroethene	ND ug/L		1.0	1		12/04/14 14:52	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		12/04/14 14:52	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		12/04/14 14:52	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		12/04/14 14:52	460-00-4	
Toluene-d8 (S)	100 %		80-120	1		12/04/14 14:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		12/04/14 14:52	17060-07-0	
Preservation pH	7.0		1.0	1		12/04/14 14:52		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183492001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20	M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: MERP/9112

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183492001

METHOD BLANK: 1488287

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: MPRP/29997

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183492001

METHOD BLANK: 1486922

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/03/14 13:00	
Antimony	ug/L	ND	10.0	12/03/14 13:00	
Arsenic	ug/L	ND	10.0	12/03/14 13:00	
Beryllium	ug/L	ND	1.0	12/03/14 13:00	
Cadmium	ug/L	ND	5.0	12/03/14 13:00	
Chromium	ug/L	ND	5.0	12/03/14 13:00	
Cobalt	ug/L	ND	5.0	12/03/14 13:00	
Copper	ug/L	ND	10.0	12/03/14 13:00	
Iron	ug/L	ND	50.0	12/03/14 13:00	
Lead	ug/L	ND	5.0	12/03/14 13:00	
Nickel	ug/L	ND	5.0	12/03/14 13:00	
Selenium	ug/L	ND	15.0	12/03/14 13:00	
Silver	ug/L	ND	7.0	12/03/14 13:00	
Thallium	ug/L	ND	20.0	12/03/14 13:00	
Zinc	ug/L	ND	50.0	12/03/14 13:00	

LABORATORY CONTROL SAMPLE: 1486923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9910	99	85-115	
Antimony	ug/L	1000	1020	102	85-115	
Arsenic	ug/L	1000	986	99	85-115	
Beryllium	ug/L	1000	999	100	85-115	
Cadmium	ug/L	1000	1000	100	85-115	
Chromium	ug/L	1000	993	99	85-115	
Cobalt	ug/L	1000	1030	103	85-115	
Copper	ug/L	1000	994	99	85-115	
Iron	ug/L	10000	9890	99	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1030	103	85-115	
Selenium	ug/L	1000	1010	101	85-115	
Silver	ug/L	500	495	99	85-115	
Thallium	ug/L	1000	1030	103	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1486924			1486925										
Parameter	Units	60183400005 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	ND	10000	10000	10000	9900	100	99	70-130	1	20		
Antimony	ug/L	ND	1000	1000	1070	1070	107	106	70-130	0	20		
Arsenic	ug/L	ND	1000	1000	1030	1020	103	102	70-130	0	20		
Beryllium	ug/L	ND	1000	1000	1010	1010	101	101	70-130	1	20		
Cadmium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Chromium	ug/L	ND	1000	1000	990	980	99	98	70-130	1	20		
Cobalt	ug/L	ND	1000	1000	1020	1020	102	102	70-130	1	20		
Copper	ug/L	ND	1000	1000	1010	1000	101	100	70-130	1	20		
Iron	ug/L	ND	10000	10000	9890	9730	99	97	70-130	2	20		
Lead	ug/L	ND	1000	1000	999	992	100	99	70-130	1	20		
Nickel	ug/L	ND	1000	1000	1020	1020	102	102	70-130	0	20		
Selenium	ug/L	ND	1000	1000	1040	1050	104	105	70-130	0	20		
Silver	ug/L	ND	500	500	499	495	100	99	70-130	1	20		
Thallium	ug/L	ND	1000	1000	995	987	100	99	70-130	1	20		
Zinc	ug/L	ND	1000	1000	982	980	98	98	70-130	0	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: MPRP/30036

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183492001

METHOD BLANK: 1488118

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Parameter	Units	60183359001		1488120		1488121		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20			
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20			
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20			
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20			
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20			
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20			
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20			
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20			
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: MSV/66173 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183492001, 60183492002

METHOD BLANK: 1488338 Matrix: Water

Associated Lab Samples: 60183492001, 60183492002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/04/14 12:08	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,2-Dichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/04/14 12:08	
2-Butanone (MEK)	ug/L	ND	10.0	12/04/14 12:08	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/04/14 12:08	N2
Acetone	ug/L	ND	10.0	12/04/14 12:08	N2
Benzene	ug/L	ND	1.0	12/04/14 12:08	
Bromodichloromethane	ug/L	ND	1.0	12/04/14 12:08	
Bromoform	ug/L	ND	1.0	12/04/14 12:08	
Bromomethane	ug/L	ND	5.0	12/04/14 12:08	
Carbon tetrachloride	ug/L	ND	1.0	12/04/14 12:08	
Chloroethane	ug/L	ND	1.0	12/04/14 12:08	
Chloroform	ug/L	ND	1.0	12/04/14 12:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	N2
Ethylbenzene	ug/L	ND	1.0	12/04/14 12:08	
Methylene chloride	ug/L	ND	1.0	12/04/14 12:08	
Tetrachloroethene	ug/L	ND	1.0	12/04/14 12:08	
Toluene	ug/L	ND	1.0	12/04/14 12:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Trichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Vinyl chloride	ug/L	ND	1.0	12/04/14 12:08	
Xylene (Total)	ug/L	ND	3.0	12/04/14 12:08	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	12/04/14 12:08	
4-Bromofluorobenzene (S)	%	101	80-120	12/04/14 12:08	
Toluene-d8 (S)	%	96	80-120	12/04/14 12:08	

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.2	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.1	101	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.2	101	70-126	
1,4-Dichlorobenzene	ug/L	20	19.6	98	74-120	
2-Butanone (MEK)	ug/L	100	95.4	95	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.3	92	59-131	N2
Acetone	ug/L	100	94.6	95	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.4	102	68-125	
Bromoform	ug/L	20	19.4	97	65-127	
Bromomethane	ug/L	20	16.7	84	13-157	
Carbon tetrachloride	ug/L	20	20.2	101	70-131	
Chloroethane	ug/L	20	12.0	60	47-133	
Chloroform	ug/L	20	20.2	101	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	68-127	N2
Ethylbenzene	ug/L	20	19.3	97	74-122	
Methylene chloride	ug/L	20	19.0	95	64-129	
Tetrachloroethene	ug/L	20	19.1	95	73-125	
Toluene	ug/L	20	19.1	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	21.1	106	66-129	
Trichloroethene	ug/L	20	19.3	96	71-123	
Vinyl chloride	ug/L	20	21.9	110	43-129	
Xylene (Total)	ug/L	60	60.1	100	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			103	80-120	
Toluene-d8 (S)	%			97	80-120	

MATRIX SPIKE SAMPLE: 1488340

Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	4420	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	4060	102	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3840	96	52-143	
1,2-Dichloroethane	ug/L	ND	4000	4030	101	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	4130	103	33-140	
2-Butanone (MEK)	ug/L	18500	20000	39200	103	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	18300	90	40-160	N2
Acetone	ug/L	48500	20000	71000	112	10-160	N2
Benzene	ug/L	ND	4000	4010	100	37-151	
Bromodichloromethane	ug/L	ND	4000	4040	101	35-142	
Bromoform	ug/L	ND	4000	3870	97	45-142	
Bromomethane	ug/L	ND	4000	3480	87	10-158	
Carbon tetrachloride	ug/L	ND	4000	4520	113	70-140	
Chloroethane	ug/L	ND	4000	2440	61	19-152	
Chloroform	ug/L	ND	4000	4040	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	4100	103	34-147	N2
Ethylbenzene	ug/L	ND	4000	4240	106	40-142	
Methylene chloride	ug/L	ND	4000	3780	93	31-144	
Tetrachloroethene	ug/L	ND	4000	4280	107	64-148	
Toluene	ug/L	ND	4000	4070	100	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	4210	105	54-151	
Trichloroethene	ug/L	ND	4000	4090	102	71-149	
Vinyl chloride	ug/L	ND	4000	4720	118	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

MATRIX SPIKE SAMPLE:		1488340					
Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	12000	12800	107	37-144	N2
1,2-Dichloroethane-d4 (S)	%				102	80-120	
4-Bromofluorobenzene (S)	%				102	80-120	
Toluene-d8 (S)	%				96	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: OEXT/47313

Analysis Method: EPA 625

QC Batch Method: EPA 625

Analysis Description: 625 MSS

Associated Lab Samples: 60183492001

METHOD BLANK: 1486397

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/02/14 14:59	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/02/14 14:59	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/02/14 14:59	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/02/14 14:59	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/02/14 14:59	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/02/14 14:59	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/02/14 14:59	
Hexachloroethane	ug/L	ND	5.0	12/02/14 14:59	
Naphthalene	ug/L	ND	5.0	12/02/14 14:59	
Nitrobenzene	ug/L	ND	5.0	12/02/14 14:59	
Pentachlorophenol	ug/L	ND	5.0	12/02/14 14:59	
Phenol	ug/L	ND	5.0	12/02/14 14:59	
2,4,6-Tribromophenol (S)	%	95	39-120	12/02/14 14:59	
2-Fluorobiphenyl (S)	%	92	39-120	12/02/14 14:59	
2-Fluorophenol (S)	%	52	17-120	12/02/14 14:59	
Nitrobenzene-d5 (S)	%	85	33-120	12/02/14 14:59	
Phenol-d6 (S)	%	32	11-120	12/02/14 14:59	
Terphenyl-d14 (S)	%	92	45-120	12/02/14 14:59	

LABORATORY CONTROL SAMPLE: 1486398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	46-120	
2,4,6-Trichlorophenol	ug/L	50	44.5	89	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.0	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.0	70	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	49.5	99	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.5	87	44-116	
Hexachlorocyclopentadiene	ug/L	100	46.2	46	24-120	
Hexachloroethane	ug/L	50	42.3	85	43-113	
Naphthalene	ug/L	50	45.3	91	48-120	
Nitrobenzene	ug/L	50	38.8	78	48-120	
Pentachlorophenol	ug/L	50	53.5	107	47-120	
Phenol	ug/L	50	17.0	34	16-112	
2,4,6-Tribromophenol (S)	%			95	39-120	
2-Fluorobiphenyl (S)	%			94	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			91	33-120	
Phenol-d6 (S)	%			35	11-120	
Terphenyl-d14 (S)	%			96	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

MATRIX SPIKE SAMPLE:	1486399	60183391001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	43.2	86	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	46.3	93	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	30.5	61	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	28.6	57	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	49.0	98	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	41.9	84	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	52.1	52	11-120	
Hexachloroethane	ug/L	ND	50	41.8	84	40-113	
Naphthalene	ug/L	ND	50	44.3	89	45-120	
Nitrobenzene	ug/L	ND	50	48.8	98	38-120	
Pentachlorophenol	ug/L	ND	50	55.0	110	43-135	
Phenol	ug/L	ND	50	17.6	35	13-112	
2,4,6-Tribromophenol (S)	%				99	39-120	
2-Fluorobiphenyl (S)	%				98	39-120	
2-Fluorophenol (S)	%				49	17-120	
Nitrobenzene-d5 (S)	%				89	33-120	
Phenol-d6 (S)	%				34	11-120	
Terphenyl-d14 (S)	%				98	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch:	WET/51816	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183492001		

METHOD BLANK: 1486706 Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:38	

LABORATORY CONTROL SAMPLE: 1486707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	40.6	102	78-114	

MATRIX SPIKE SAMPLE: 1486709

Parameter	Units	60183037003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	209	41.7	253	107	78-114	

SAMPLE DUPLICATE: 1486708

Parameter	Units	60183037001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	5.1	5.3	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: WET/51796

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60183492001

METHOD BLANK: 1486365

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/01/14 10:43	

SAMPLE DUPLICATE: 1486366

Parameter	Units	60183450011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10	8.0	22	10	D6

SAMPLE DUPLICATE: 1486367

Parameter	Units	60183461001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	57.0	70.0	20	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: WET/51804 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183492001

SAMPLE DUPLICATE: 1486474

Parameter	Units	60183482002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: WET/51790

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183492001

METHOD BLANK: 1486253

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/04/14 11:18	

LABORATORY CONTROL SAMPLE: 1486254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	170	86	85-115	

SAMPLE DUPLICATE: 1486255

Parameter	Units	60183490002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	173	167	4	17	H3

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: WETA/32008

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183492001

METHOD BLANK: 1486785

Matrix: Water

Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

QC Batch: WETA/32032 Analysis Method: EPA 410.4
 QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
 Associated Lab Samples: 60183492001

METHOD BLANK: 1487741 Matrix: Water
 Associated Lab Samples: 60183492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/04/14 15:35	

LABORATORY CONTROL SAMPLE: 1487742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	49.0	98	90-110	

MATRIX SPIKE SAMPLE: 1487743

Parameter	Units	60183237002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	2650	1250	3690	83	90-110	M1

MATRIX SPIKE SAMPLE: 1487745

Parameter	Units	60183115002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.2	50	79.5	99	90-110	

SAMPLE DUPLICATE: 1487744

Parameter	Units	60183375001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	24500	24100	2	25	

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QUALIFIERS

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H3 Sample was received or analysis requested beyond the recognized method holding time.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-079

Pace Project No.: 60183492

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183492001	T1-079	EPA 200.7	MPRP/29997	EPA 200.7	ICP/22451
60183492001	T1-079	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183492001	T1-079	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183492001	T1-079	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183492001	T1-079	EPA 625	OEXT/47313	EPA 625	MSSV/15261
60183492001	T1-079	EPA 624 Low	MSV/66173		
60183492002	TRIP BLANK	EPA 624 Low	MSV/66173		
60183492001	T1-079	EPA 1664A	WET/51816		
60183492001	T1-079	SM 2540D	WET/51796		
60183492001	T1-079	SM 4500-H+B	WET/51804		
60183492001	T1-079	SM 5210B	WET/51790	SM 5210B	WET/51869
60183492001	T1-079	EPA 350.1	WETA/32008		
60183492001	T1-079	EPA 410.4	WETA/32032		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO# : 60183492



Optional
Proj Due Date:
Proj Name:

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other MA

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-239 / T-194 Type of Ice: Net Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 4.9
Temperature should be above freezing to 6°C

Date and initials of person examining contents: lw 11/27/14

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Bad</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WJ</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Added 2.5ml HNO3; initial pH ~6.0; final pH ~4.0</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, coliform, TOC, <u>O&C</u> , WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>125103710</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative <u>lw 11/27</u>
Pace Trip Blank lot # (if purchased): <u>Nov 24 2014</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MO</u>

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 12/11/14



FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1760	T1-79	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-35-4	1,1-Dichloroethane		U	ug/L	5	2.36	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 67-64-1	Acetone	43000	DB	ug/L	5000	778.04	11/28/2014	11/28/2014	11/28/2014	WG	500	NA	5.0	NA	SW8260B	NALD5462				
NAL13026-1760	T1-79	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 78-93-3	2-Butanone	8500	D	ug/L	5000	405.90	11/28/2014	11/28/2014	11/28/2014	WG	500	NA	5.0	NA	SW8260B	NALD5462				
NAL13026-1760	T1-79	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 71-43-2	Benzene	0.82	J	ug/L	5	0.68	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 108-88-3	Toluene		U	ug/L	5	1.05	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 108-10-1	4-Methyl-2-pentanone	260		ug/L	25	3.70	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 591-78-6	2-Hexanone	200	X-	ug/L	25	3.45	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 100-41-4	Ethylbenzene		U	ug/L	5	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG XYLMP	p&m-Xylene	2.7	J	ug/L	10	1.31	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 95-47-6	o-Xylene	3.3	J	ug/L	5	0.64	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 100-42-5	Styrene		U	ug/L	5	1.01	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 75-25-2	Bromofom		U	ug/L	10	2.34	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1760	T1-79	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 95-63-6	1,2,4-Trimethylbenzene	23		ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 99-87-6	p-Isopropyltoluene	120		ug/L	10	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 106-46-7	1,4-Dichlorobenzene	68		ug/L	10	1.65	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 95-50-1	1,2-Dichlorobenzene	1.5	J	ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 104-51-8	n-Butylbenzene	3.7	J	ug/L	25	1.39	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 120-82-1	1,2,4-Trichlorobenzene	3.4	J	ug/L	25	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 91-20-3	Naphthalene	370		ug/L	25	2.80	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	ORG 87-61-6	1,2,3-Trichlorobenzene	1.6	J	ug/L	25	1.16	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463				
NAL13026-1760	T1-79	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463	50	98%		
NAL13026-1760	T1-79	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463	50	98%		
NAL13026-1760	T1-79	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463	50	94%		
NAL13026-1760	T1-79	STD 460-00-4	Bromofluorobenzene	56		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5463	50	112%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112814CCVA	D112814CCVA	ORG 75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	108%		
D112814CCVA	D112814CCVA	ORG 74-87-3	Chloromethane	50		ug/L	5	0.43	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	100%		
D112814CCVA	D112814CCVA	ORG 75-01-4	Vinyl chloride	60		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	120%		
D112814CCVA	D112814CCVA	ORG 74-83-9	Bromomethane	82		ug/L	5	0.50	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	164%		
D112814CCVA	D112814CCVA	ORG 75-00-3	Chloroethane	62		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	124%		
D112814CCVA	D112814CCVA	ORG 75-69-4	Trichlorofluoromethane	180		ug/L	5	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	360%		
D112814CCVA	D112814CCVA	ORG 75-35-4	1,1-Dichloroethene	49		ug/L	1	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	98%		
D112814CCVA	D112814CCVA	ORG 75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	100%		
D112814CCVA	D112814CCVA	ORG 67-64-1	Acetone	40		ug/L	10	1.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	80%		
D112814CCVA	D112814CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	98%		
D112814CCVA	D112814CCVA	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	55		ug/L	1	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	110%		
D112814CCVA	D112814CCVA	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	102%		
D112814CCVA	D112814CCVA	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	102%		
D112814CCVA	D112814CCVA	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	110%		
D112814CCVA	D112814CCVA	ORG 78-93-3	2-Butanone	52		ug/L	1	0.81	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 56-23-5	Carbon tetrachloride	60		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	120%		
D112814CCVA	D112814CCVA	ORG 71-43-2	Benzene	52		ug/L	1	0.14	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	98%		
D112814CCVA	D112814CCVA	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	108%		
D112814CCVA	D112814CCVA	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 78-87-5	1,2-Dichloropropane	53		ug/L	1	0.18	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	106%		
D112814CCVA	D112814CCVA	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	108%		
D112814CCVA	D112814CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	100%		
D112814CCVA	D112814CCVA	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	102%		
D112814CCVA	D112814CCVA	ORG 108-10-1	4-Methyl-2-pentanone	47		ug/L	5	0.74	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	94%		
D112814CCVA	D112814CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	98%		
D112814CCVA	D112814CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	78%		
D112814CCVA	D112814CCVA	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	94%		
D112814CCVA	D112814CCVA	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	96%		
D112814CCVA	D112814CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	104%		
D112814CCVA	D112814CCVA	ORG 591-78-6	2-Hexanone	38		ug/L	2	0.69	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	76%		
D112814CCVA	D112814CCVA	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	114%		
D112814CCVA	D112814CCVA	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	102%		
D112814CCVA	D112814CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	108%		
D112814CCVA	D112814CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	100	110%		
D112814CCVA	D112814CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	120%		
D112814CCVA	D112814CCVA	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	118%		
D112814CCVA	D112814CCVA	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	92%		
D112814CCVA	D112814CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	114%		
D112814CCVA	D112814CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	114%		
D112814CCVA	D112814CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	47		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	94%		
D112814CCVA	D112814CCVA	ORG 96-18-4	1,2,3-Trichloropropane	46		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS459	50	92%		

Confidential
D112814AKCF

D112814AKCF



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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- M** = Matrix assessment, QC analyses parameter exceeded control limits.
- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D112814CCVA	D112814CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	108%		
D112814CCVA	D112814CCVA	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	114%		
D112814CCVA	D112814CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	106%		
D112814CCVA	D112814CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	114%		
D112814CCVA	D112814CCVA	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	108%		
D112814CCVA	D112814CCVA	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	110%		
D112814CCVA	D112814CCVA	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	102%		
D112814CCVA	D112814CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	106%		
D112814CCVA	D112814CCVA	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	118%		
D112814CCVA	D112814CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	45		ug/L	5	1.59	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	90%		
D112814CCVA	D112814CCVA	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	116%		
D112814CCVA	D112814CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	108%		
D112814CCVA	D112814CCVA	ORG 91-20-3	Naphthalene	50		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	100%		
D112814CCVA	D112814CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	102%		
D112814CCVA	D112814CCVA	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	102%		
D112814CCVA	D112814CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	92%		
D112814CCVA	D112814CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	98%		
D112814CCVA	D112814CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5459	50	104%		

FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112814MBKA	D112814MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 67-64-1	Acetone	14		ug/L	10	1.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				



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 Bridgeton, MO 63044
 ATTN: Brian Power

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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spilte	% Rec	% RPD	Parent
D112814MBKA	D112814MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461				
D112814MBKA	D112814MBKA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461	50	100%		
D112814MBKA	D112814MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461	50	102%		
D112814MBKA	D112814MBKA	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461	50	100%		
D112814MBKA	D112814MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5461	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112814ALCS	D112814ALCS	ORG 75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	96%		
D112814ALCS	D112814ALCS	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	88%		
D112814ALCS	D112814ALCS	ORG 75-01-4	Vinyl chloride	53		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 74-83-9	Bromomethane	80		ug/L	5	0.50	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	160%		
D112814ALCS	D112814ALCS	ORG 75-00-3	Chloroethane	59		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	118%		
D112814ALCS	D112814ALCS	ORG 75-69-4	Trichlorofluoromethane	250		ug/L	5	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	500%		
D112814ALCS	D112814ALCS	ORG 75-35-4	1,1-Dichloroethene	56		ug/L	1	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	112%		
D112814ALCS	D112814ALCS	ORG 75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	102%		
D112814ALCS	D112814ALCS	ORG 67-64-1	Acetone	57		ug/L	10	1.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	114%		
D112814ALCS	D112814ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	52		ug/L	1	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	104%		
D112814ALCS	D112814ALCS	ORG 1634-04-4	MTBE	50		ug/L	5	0.61	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	100%		
D112814ALCS	D112814ALCS	ORG 75-34-3	1,1-Dichloroethane	52		ug/L	1	0.53	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	104%		
D112814ALCS	D112814ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	56		ug/L	1	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	112%		
D112814ALCS	D112814ALCS	ORG 74-97-5	Bromochloromethane	53		ug/L	10	0.41	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 67-66-3	Chloroform	53		ug/L	2	0.16	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 71-55-6	1,1,1-Trichloroethane	55		ug/L	1	0.17	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	110%		
D112814ALCS	D112814ALCS	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 56-23-5	Carbon tetrachloride	60		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	120%		
D112814ALCS	D112814ALCS	ORG 71-43-2	Benzene	53		ug/L	1	0.14	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	102%		
D112814ALCS	D112814ALCS	ORG 79-01-6	Trichloroethene	54		ug/L	1	0.36	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	108%		
D112814ALCS	D112814ALCS	ORG 74-95-3	Dibromomethane	55		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	110%		
D112814ALCS	D112814ALCS	ORG 78-87-5	1,2-Dichloropropane	54		ug/L	1	0.18	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	108%		
D112814ALCS	D112814ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	108%		
D112814ALCS	D112814ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	100%		
D112814ALCS	D112814ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	102%		
D112814ALCS	D112814ALCS	ORG 108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	110%		
D112814ALCS	D112814ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	100%		
D112814ALCS	D112814ALCS	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	82%		
D112814ALCS	D112814ALCS	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	98%		
D112814ALCS	D112814ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	100%		
D112814ALCS	D112814ALCS	ORG 106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	106%		
D112814ALCS	D112814ALCS	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	102%		
D112814ALCS	D112814ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	116%		
D112814ALCS	D112814ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	104%		
D112814ALCS	D112814ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	112%		
D112814ALCS	D112814ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	100	110%		
D112814ALCS	D112814ALCS	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	120%		
D112814ALCS	D112814ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	120%		
D112814ALCS	D112814ALCS	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	94%		
D112814ALCS	D112814ALCS	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	114%		
D112814ALCS	D112814ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	114%		
D112814ALCS	D112814ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	102%		
D112814ALCS	D112814ALCS	ORG 96-18-4	1,2,3-Trichloropropane	50		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS460	50	100%		

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D112814ALCS	D112814ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	108%		
D112814ALCS	D112814ALCS	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	112%		
D112814ALCS	D112814ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	108%		
D112814ALCS	D112814ALCS	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	112%		
D112814ALCS	D112814ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	106%		
D112814ALCS	D112814ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	110%		
D112814ALCS	D112814ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	104%		
D112814ALCS	D112814ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	108%		
D112814ALCS	D112814ALCS	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	114%		
D112814ALCS	D112814ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	104%		
D112814ALCS	D112814ALCS	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	114%		
D112814ALCS	D112814ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	112%		
D112814ALCS	D112814ALCS	ORG 91-20-3	Naphthalene	56		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	112%		
D112814ALCS	D112814ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	106%		
D112814ALCS	D112814ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	104%		
D112814ALCS	D112814ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	94%		
D112814ALCS	D112814ALCS	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	96%		
D112814ALCS	D112814ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5460	50	102%		



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FINAL ANALYTICAL REPORT

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Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

B = Analyte is found in the associated blank as well as in the sample.

D = Compound identified in an analysis at a secondary dilution factor.

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M = Matrix assessment, QC analyses parameter exceeded control limits.

U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
D112814ALCD	D112814ALCD	ORG 75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	108%	12%	
D112814ALCD	D112814ALCD	ORG 74-87-3	Chloromethane	51		ug/L	5	0.43	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	102%	15%	
D112814ALCD	D112814ALCD	ORG 75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	6%	
D112814ALCD	D112814ALCD	ORG 74-83-9	Bromomethane	59		ug/L	5	0.50	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	118%	30%	
D112814ALCD	D112814ALCD	ORG 75-00-3	Chloroethane	62		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	124%	5%	
D112814ALCD	D112814ALCD	ORG 75-69-4	Trichlorofluoromethane	93		ug/L	5	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	186%	92%	
D112814ALCD	D112814ALCD	ORG 75-35-4	1,1-Dichloroethene	48		ug/L	1	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	96%	15%	
D112814ALCD	D112814ALCD	ORG 75-09-2	Methylene chloride	53		ug/L	5	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	106%	4%	
D112814ALCD	D112814ALCD	ORG 67-64-1	Acetone	46		ug/L	10	1.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	92%	21%	
D112814ALCD	D112814ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	53		ug/L	1	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	106%	2%	
D112814ALCD	D112814ALCD	ORG 1634-04-4	MTBE	49		ug/L	5	0.61	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	98%	2%	
D112814ALCD	D112814ALCD	ORG 75-34-3	1,1-Dichloroethane	53		ug/L	1	0.53	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	106%	2%	
D112814ALCD	D112814ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	57		ug/L	1	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	2%	
D112814ALCD	D112814ALCD	ORG 74-97-5	Bromochloromethane	56		ug/L	10	0.41	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	6%	
D112814ALCD	D112814ALCD	ORG 67-66-3	Chloroform	54		ug/L	2	0.16	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	108%	2%	
D112814ALCD	D112814ALCD	ORG 71-55-6	1,1,1-Trichloroethane	57		ug/L	1	0.17	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	4%	
D112814ALCD	D112814ALCD	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	98%	8%	
D112814ALCD	D112814ALCD	ORG 56-23-5	Carbon tetrachloride	61		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	122%	2%	
D112814ALCD	D112814ALCD	ORG 71-43-2	Benzene	54		ug/L	1	0.14	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	108%	2%	
D112814ALCD	D112814ALCD	ORG 107-06-2	1,2-Dichloroethane	53		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	106%	4%	
D112814ALCD	D112814ALCD	ORG 79-01-6	Trichloroethene	56		ug/L	1	0.36	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	4%	
D112814ALCD	D112814ALCD	ORG 74-95-3	Dibromomethane	56		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	2%	
D112814ALCD	D112814ALCD	ORG 78-87-5	1,2-Dichloropropane	56		ug/L	1	0.18	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	4%	
D112814ALCD	D112814ALCD	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	2%	
D112814ALCD	D112814ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	100%	0%	
D112814ALCD	D112814ALCD	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	104%	2%	
D112814ALCD	D112814ALCD	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	102%	8%	
D112814ALCD	D112814ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	100%	0%	
D112814ALCD	D112814ALCD	ORG 127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	84%	2%	
D112814ALCD	D112814ALCD	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	100%	2%	
D112814ALCD	D112814ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	100%	0%	
D112814ALCD	D112814ALCD	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	108%	2%	
D112814ALCD	D112814ALCD	ORG 591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	88%	15%	
D112814ALCD	D112814ALCD	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	118%	2%	
D112814ALCD	D112814ALCD	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	104%	0%	
D112814ALCD	D112814ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	0%	
D112814ALCD	D112814ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	100	110%	0%	
D112814ALCD	D112814ALCD	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	122%	2%	
D112814ALCD	D112814ALCD	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	122%	2%	
D112814ALCD	D112814ALCD	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	94%	0%	
D112814ALCD	D112814ALCD	ORG 98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	116%	2%	
D112814ALCD	D112814ALCD	ORG 103-65-1	n-Propylbenzene	59		ug/L	2	0.27	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	118%	3%	
D112814ALCD	D112814ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	102%	0%	
D112814ALCD	D112814ALCD	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	102%	2%	

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D112814ALCD	D112814ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	2%	
D112814ALCD	D112814ALCD	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	2%	
D112814ALCD	D112814ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	2%	
D112814ALCD	D112814ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	2%	
D112814ALCD	D112814ALCD	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	4%	
D112814ALCD	D112814ALCD	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	2%	
D112814ALCD	D112814ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	108%	4%	
D112814ALCD	D112814ALCD	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	2%	
D112814ALCD	D112814ALCD	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	116%	2%	
D112814ALCD	D112814ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	104%	0%	
D112814ALCD	D112814ALCD	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	112%	2%	
D112814ALCD	D112814ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	2%	
D112814ALCD	D112814ALCD	ORG 91-20-3	Naphthalene	57		ug/L	5	0.56	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	114%	2%	
D112814ALCD	D112814ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	110%	4%	
D112814ALCD	D112814ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	104%	0%	
D112814ALCD	D112814ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	96%	2%	
D112814ALCD	D112814ALCD	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	96%	0%	
D112814ALCD	D112814ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/28/2014	11/28/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5465	50	104%	2%	



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NAL13026-1760MS	T1-79	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	100%		
NAL13026-1760MS	T1-79	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	100%		
NAL13026-1760MS	T1-79	ORG 75-01-4	Vinyl chloride	280		ug/L	10	1.59	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 74-83-9	Bromomethane	360		ug/L	25	2.50	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	144%		
NAL13026-1760MS	T1-79	ORG 75-00-3	Chloroethane	310		ug/L	25	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	124%		
NAL13026-1760MS	T1-79	ORG 75-69-4	Trichlorofluoromethane	460		ug/L	25	0.98	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	184%		
NAL13026-1760MS	T1-79	ORG 75-35-4	1,1-Dichloroethene	270		ug/L	5	2.36	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	100%		
NAL13026-1760MS	T1-79	ORG 67-64-1	Acetone	39000		ug/L	50	7.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	-1600%		43000
NAL13026-1760MS	T1-79	ORG 156-60-5	trans-1,2-Dichloroethene	260		ug/L	5	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		
NAL13026-1760MS	T1-79	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	100%		
NAL13026-1760MS	T1-79	ORG 75-34-3	1,1-Dichloroethane	270		ug/L	5	2.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		
NAL13026-1760MS	T1-79	ORG 67-66-3	Chloroform	270		ug/L	10	0.79	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 71-55-6	1,1,1-Trichloroethane	290		ug/L	5	0.83	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	116%		
NAL13026-1760MS	T1-79	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	3400%		8500
NAL13026-1760MS	T1-79	ORG 56-23-5	Carbon tetrachloride	300		ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	120%		
NAL13026-1760MS	T1-79	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		0.82
NAL13026-1760MS	T1-79	ORG 107-06-2	1,2-Dichloroethane	260		ug/L	5	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		
NAL13026-1760MS	T1-79	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 74-95-3	Dibromomethane	280		ug/L	10	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 78-87-5	1,2-Dichloropropane	280		ug/L	5	0.91	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		
NAL13026-1760MS	T1-79	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	96%		
NAL13026-1760MS	T1-79	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	100%		
NAL13026-1760MS	T1-79	ORG 108-10-1	4-Methyl-2-pentanone	520		ug/L	25	3.70	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		260
NAL13026-1760MS	T1-79	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	96%		
NAL13026-1760MS	T1-79	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	80%		
NAL13026-1760MS	T1-79	ORG 79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	96%		
NAL13026-1760MS	T1-79	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	96%		
NAL13026-1760MS	T1-79	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		
NAL13026-1760MS	T1-79	ORG 591-78-6	2-Hexanone	290		ug/L	10	3.45	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	36%		200
NAL13026-1760MS	T1-79	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	116%		
NAL13026-1760MS	T1-79	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG XYLMP	p&m-Xylene	570		ug/L	10	1.31	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	500	113%		2.7
NAL13026-1760MS	T1-79	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	123%		3.3
NAL13026-1760MS	T1-79	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	128%		
NAL13026-1760MS	T1-79	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	96%		
NAL13026-1760MS	T1-79	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	116%		
NAL13026-1760MS	T1-79	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	116%		
NAL13026-1760MS	T1-79	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	120%		
NAL13026-1760MS	T1-79	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		

Confidential
D112814AKCF



FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splite	% Rec	% RPD	Parent
NAL13026-1760MS	T1-79	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	116%		
NAL13026-1760MS	T1-79	ORG 95-63-6	1,2,4-Trimethylbenzene	310		ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	115%		23
NAL13026-1760MS	T1-79	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		
NAL13026-1760MS	T1-79	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	108%		
NAL13026-1760MS	T1-79	ORG 99-87-6	p-Isopropyltoluene	400		ug/L	10	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	112%		120
NAL13026-1760MS	T1-79	ORG 106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	101%		68
NAL13026-1760MS	T1-79	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	107%		1.5
NAL13026-1760MS	T1-79	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	115%		3.7
NAL13026-1760MS	T1-79	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	120%		
NAL13026-1760MS	T1-79	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	76%		
NAL13026-1760MS	T1-79	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	103%		3.4
NAL13026-1760MS	T1-79	ORG 91-20-3	Naphthalene	630		ug/L	25	2.80	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	104%		370
NAL13026-1760MS	T1-79	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	250	91%		1.6
NAL13026-1760MS	T1-79	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	50	104%		
NAL13026-1760MS	T1-79	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	50	94%		
NAL13026-1760MS	T1-79	STD 2037-26-5	Toluene d8	46		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	50	92%		
NAL13026-1760MS	T1-79	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5466	50	106%		



FINAL ANALYTICAL REPORT

Republic Services
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Bridgeton, MO 63044
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Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	DIL.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Splice	% Rec	% RPD	Parent
NAL13026-1760MSD	T1-79	ORG 75-71-8	Dichlorodifluoromethane	250		ug/L	25	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	0%	
NAL13026-1760MSD	T1-79	ORG 74-87-3	Chloromethane	250		ug/L	25	2.15	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	0%	
NAL13026-1760MSD	T1-79	ORG 75-01-4	Vinyl chloride	280		ug/L	10	1.59	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	0%	
NAL13026-1760MSD	T1-79	ORG 74-83-9	Bromomethane	350		ug/L	25	2.50	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	140%	3%	
NAL13026-1760MSD	T1-79	ORG 75-00-3	Chloroethane	300		ug/L	25	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	120%	3%	
NAL13026-1760MSD	T1-79	ORG 75-69-4	Trichlorofluoromethane	570		ug/L	25	0.98	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	228%	21%	
NAL13026-1760MSD	T1-79	ORG 75-35-4	1,1-Dichloroethene	270		ug/L	5	2.36	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	0%	
NAL13026-1760MSD	T1-79	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	0%	
NAL13026-1760MSD	T1-79	ORG 67-64-1	Acetone	38000		ug/L	50	7.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	-2000%	3%	43000
NAL13026-1760MSD	T1-79	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	4%	
NAL13026-1760MSD	T1-79	ORG 1634-04-4	MTBE	250		ug/L	25	3.06	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	0%	
NAL13026-1760MSD	T1-79	ORG 75-34-3	1,1-Dichloroethane	260		ug/L	5	2.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	4%	
NAL13026-1760MSD	T1-79	ORG 156-59-2	cis-1,2-Dichloroethene	280		ug/L	5	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	0%	
NAL13026-1760MSD	T1-79	ORG 74-97-5	Bromochloromethane	260		ug/L	50	2.07	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	0%	
NAL13026-1760MSD	T1-79	ORG 67-66-3	Chloroform	260		ug/L	10	0.79	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	4%	
NAL13026-1760MSD	T1-79	ORG 71-55-6	1,1,1-Trichloroethane	280		ug/L	5	0.83	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	4%	
NAL13026-1760MSD	T1-79	ORG 78-93-3	2-Butanone	17000		ug/L	5	4.06	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	3400%	0%	8500
NAL13026-1760MSD	T1-79	ORG 56-23-5	Carbon tetrachloride	290		ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	116%	3%	
NAL13026-1760MSD	T1-79	ORG 71-43-2	Benzene	270		ug/L	5	0.68	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	0%	0.82
NAL13026-1760MSD	T1-79	ORG 107-06-2	1,2-Dichloroethane	260		ug/L	5	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	0%	
NAL13026-1760MSD	T1-79	ORG 79-01-6	Trichloroethene	270		ug/L	5	1.82	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	0%	
NAL13026-1760MSD	T1-79	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	4%	
NAL13026-1760MSD	T1-79	ORG 78-87-5	1,2-Dichloropropane	280		ug/L	5	0.91	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	0%	
NAL13026-1760MSD	T1-79	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	0%	
NAL13026-1760MSD	T1-79	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	0%	
NAL13026-1760MSD	T1-79	ORG 108-88-3	Toluene	240		ug/L	5	1.05	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	4%	
NAL13026-1760MSD	T1-79	ORG 108-10-1	4-Methyl-2-pentanone	520		ug/L	25	3.70	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	0%	260
NAL13026-1760MSD	T1-79	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	0%	
NAL13026-1760MSD	T1-79	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	76%	5%	
NAL13026-1760MSD	T1-79	ORG 79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	0%	
NAL13026-1760MSD	T1-79	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	92%	4%	
NAL13026-1760MSD	T1-79	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	0%	
NAL13026-1760MSD	T1-79	ORG 591-78-6	2-Hexanone	290		ug/L	10	3.45	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	36%	0%	200
NAL13026-1760MSD	T1-79	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	116%	0%	
NAL13026-1760MSD	T1-79	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	4%	
NAL13026-1760MSD	T1-79	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	0%	
NAL13026-1760MSD	T1-79	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	500	111%	2%	2.7
NAL13026-1760MSD	T1-79	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	123%	0%	3.3
NAL13026-1760MSD	T1-79	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	124%	3%	
NAL13026-1760MSD	T1-79	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	0%	
NAL13026-1760MSD	T1-79	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	4%	
NAL13026-1760MSD	T1-79	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	116%	0%	
NAL13026-1760MSD	T1-79	ORG 79-34-5	1,1,2,2-Tetrachloroethane	280		ug/L	10	1.46	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	7%	
NAL13026-1760MSD	T1-79	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	100%	4%	

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NAL13026-1760MSD	T1-79	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	4%	
NAL13026-1760MSD	T1-79	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	112%	4%	
NAL13026-1760MSD	T1-79	ORG 95-63-6	1,2,4-Trimethylbenzene	300		ug/L	10	1.00	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	111%	3%	23
NAL13026-1760MSD	T1-79	ORG 135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	4%	
NAL13026-1760MSD	T1-79	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	104%	4%	
NAL13026-1760MSD	T1-79	ORG 99-87-6	p-Isopropyltoluene	390		ug/L	10	1.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	108%	3%	120
NAL13026-1760MSD	T1-79	ORG 106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	101%	0%	68
NAL13026-1760MSD	T1-79	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	103%	4%	1.5
NAL13026-1760MSD	T1-79	ORG 104-51-8	n-Butylbenzene	280		ug/L	25	1.39	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	111%	4%	3.7
NAL13026-1760MSD	T1-79	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	116%	3%	
NAL13026-1760MSD	T1-79	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	72%	5%	
NAL13026-1760MSD	T1-79	ORG 120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	95%	8%	3.4
NAL13026-1760MSD	T1-79	ORG 91-20-3	Naphthalene	610		ug/L	25	2.80	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	96%	3%	370
NAL13026-1760MSD	T1-79	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	250	87%	4%	1.6
NAL13026-1760MSD	T1-79	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	50	104%	0%	
NAL13026-1760MSD	T1-79	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	50	94%	0%	
NAL13026-1760MSD	T1-79	STD 2037-26-5	Toluene d8	47		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	50	94%	2%	
NAL13026-1760MSD	T1-79	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/28/2014	11/28/2014	11/28/2014	WG	5	NA	5.0	NA	SW8260B	NALD5467	50	108%	2%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1761	T1-080	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 67-64-1	Acetone	39000	D	ug/L	5000	778.04	11/29/2014	11/29/2014	11/29/2014	WG	500	NA	5.0	NA	SW8260B	NALD5473				
NAL13026-1761	T1-080	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 78-93-3	2-Butanone	8600	D	ug/L	5000	405.90	11/29/2014	11/29/2014	11/29/2014	WG	500	NA	5.0	NA	SW8260B	NALD5473				
NAL13026-1761	T1-080	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 71-43-2	Benzene	4.3	J	ug/L	5	0.68	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 108-88-3	Toluene	3.1	J	ug/L	5	1.05	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 108-10-1	4-Methyl-2-pentanone	320		ug/L	25	3.70	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 591-78-6	2-Hexanone	170		ug/L	25	3.45	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 100-41-4	Ethylbenzene	7.4		ug/L	5	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG XYLMP	p&m-Xylene	17		ug/L	10	1.31	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 95-47-6	o-Xylene	13	X+	ug/L	5	0.64	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 100-42-5	Styrene	1.9	JX+	ug/L	5	1.01	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				



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NAL13026-1761	T1-080	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 108-67-8	1,3,5-Trimethylbenzene	6.6	J	ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 95-63-6	1,2,4-Trimethylbenzene	73		ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 541-73-1	1,3-Dichlorobenzene	1.3	J	ug/L	10	1.11	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 99-87-6	p-Isopropyltoluene	350		ug/L	10	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 106-46-7	1,4-Dichlorobenzene	120		ug/L	10	1.65	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 95-50-1	1,2-Dichlorobenzene	2.8	J	ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 104-51-8	n-Butylbenzene	12	J	ug/L	25	1.39	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 120-82-1	1,2,4-Trichlorobenzene	5.5	J	ug/L	25	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 91-20-3	Naphthalene	340		ug/L	25	2.80	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	ORG 87-61-6	1,2,3-Trichlorobenzene	2.4	J	ug/L	25	1.16	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474				
NAL13026-1761	T1-080	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474	50	98%		
NAL13026-1761	T1-080	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474	50	96%		
NAL13026-1761	T1-080	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474	50	98%		
NAL13026-1761	T1-080	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5474	50	110%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112914CCVB	D112914CCVB	ORG 75-71-8	Dichlorodifluoromethane	44		ug/L	5	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	88%		
D112914CCVB	D112914CCVB	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	88%		
D112914CCVB	D112914CCVB	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	98%		
D112914CCVB	D112914CCVB	ORG 74-83-9	Bromomethane	65		ug/L	5	0.50	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	130%		
D112914CCVB	D112914CCVB	ORG 75-00-3	Chloroethane	56		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	ORG 75-69-4	Trichlorofluoromethane	110		ug/L	5	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	220%		
D112914CCVB	D112914CCVB	ORG 75-35-4	1,1-Dichloroethene	49		ug/L	1	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	98%		
D112914CCVB	D112914CCVB	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	96%		
D112914CCVB	D112914CCVB	ORG 67-64-1	Acetone	50		ug/L	10	1.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	100%		
D112914CCVB	D112914CCVB	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	96%		
D112914CCVB	D112914CCVB	ORG 1634-04-4	MTBE	48		ug/L	5	0.61	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	96%		
D112914CCVB	D112914CCVB	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	100%		
D112914CCVB	D112914CCVB	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	108%		
D112914CCVB	D112914CCVB	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	104%		
D112914CCVB	D112914CCVB	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	100%		
D112914CCVB	D112914CCVB	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	106%		
D112914CCVB	D112914CCVB	ORG 78-93-3	2-Butanone	44		ug/L	1	0.81	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	88%		
D112914CCVB	D112914CCVB	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	98%		
D112914CCVB	D112914CCVB	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	104%		
D112914CCVB	D112914CCVB	ORG 74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	106%		
D112914CCVB	D112914CCVB	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	104%		
D112914CCVB	D112914CCVB	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	ORG 10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	78%		
D112914CCVB	D112914CCVB	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	100%		
D112914CCVB	D112914CCVB	ORG 124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		
D112914CCVB	D112914CCVB	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	116%		
D112914CCVB	D112914CCVB	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	104%		
D112914CCVB	D112914CCVB	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	100	110%		
D112914CCVB	D112914CCVB	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	122%		
D112914CCVB	D112914CCVB	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	120%		
D112914CCVB	D112914CCVB	ORG 75-25-2	Bromoform	49		ug/L	2	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	98%		
D112914CCVB	D112914CCVB	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	114%		
D112914CCVB	D112914CCVB	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	116%		
D112914CCVB	D112914CCVB	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	106%		

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D112914CCVB	D112914CCVB	ORG 96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	104%		
D112914CCVB	D112914CCVB	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	114%		
D112914CCVB	D112914CCVB	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	114%		
D112914CCVB	D112914CCVB	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	ORG 106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	106%		
D112914CCVB	D112914CCVB	ORG 95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	116%		
D112914CCVB	D112914CCVB	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	110%		
D112914CCVB	D112914CCVB	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	116%		
D112914CCVB	D112914CCVB	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	114%		
D112914CCVB	D112914CCVB	ORG 91-20-3	Naphthalene	59		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	118%		
D112914CCVB	D112914CCVB	ORG 87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	112%		
D112914CCVB	D112914CCVB	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	100%		
D112914CCVB	D112914CCVB	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	94%		
D112914CCVB	D112914CCVB	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	98%		
D112914CCVB	D112914CCVB	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5471	50	102%		



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D112914MBKA	D112914MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				
D112914MBKA	D112914MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALDS5472				



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FINAL ANALYTICAL REPORT

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 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112914MBKA	D112914MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472				
D112914MBKA	D112914MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472	50	98%		
D112914MBKA	D112914MBKA	STD 17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472	50	104%		
D112914MBKA	D112914MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472	50	102%		
D112914MBKA	D112914MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5472	50	106%		

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D112914ALCS	D112914ALCS	ORG 75-71-8	Dichlorodifluoromethane	45		ug/L	5	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	90%		
D112914ALCS	D112914ALCS	ORG 74-87-3	Chloromethane	45		ug/L	5	0.43	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	90%		
D112914ALCS	D112914ALCS	ORG 75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	98%		
D112914ALCS	D112914ALCS	ORG 74-83-9	Bromomethane	52		ug/L	5	0.50	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	ORG 75-69-4	Trichlorofluoromethane	81		ug/L	5	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	162%		
D112914ALCS	D112914ALCS	ORG 75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	92%		
D112914ALCS	D112914ALCS	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	96%		
D112914ALCS	D112914ALCS	ORG 67-64-1	Acetone	53		ug/L	10	1.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	106%		
D112914ALCS	D112914ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	96%		
D112914ALCS	D112914ALCS	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	92%		
D112914ALCS	D112914ALCS	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	106%		
D112914ALCS	D112914ALCS	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	ORG 78-93-3	2-Butanone	62		ug/L	1	0.81	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	124%		
D112914ALCS	D112914ALCS	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	112%		
D112914ALCS	D112914ALCS	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	98%		
D112914ALCS	D112914ALCS	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	98%		
D112914ALCS	D112914ALCS	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	112%		
D112914ALCS	D112914ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	84%		
D112914ALCS	D112914ALCS	ORG 79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 591-78-6	2-Hexanone	51		ug/L	2	0.69	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		
D112914ALCS	D112914ALCS	ORG 100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	114%		
D112914ALCS	D112914ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	112%		
D112914ALCS	D112914ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	100	110%		
D112914ALCS	D112914ALCS	ORG 95-47-6	o-Xylene	59		ug/L	1	0.13	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	118%		
D112914ALCS	D112914ALCS	ORG 100-42-5	Styrene	50		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	100%		
D112914ALCS	D112914ALCS	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	96%		
D112914ALCS	D112914ALCS	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	112%		
D112914ALCS	D112914ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	114%		
D112914ALCS	D112914ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D112914ALCS	D112914ALCS	ORG 96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	106%		
D112914ALCS	D112914ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	112%		
D112914ALCS	D112914ALCS	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	114%		
D112914ALCS	D112914ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	ORG 87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	108%		
D112914ALCS	D112914ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	ORG 91-20-3	Naphthalene	60		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	120%		
D112914ALCS	D112914ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	110%		
D112914ALCS	D112914ALCS	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	104%		
D112914ALCS	D112914ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	96%		
D112914ALCS	D112914ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	98%		
D112914ALCS	D112914ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5476	50	102%		



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D112914ALCD	D112914ALCD	ORG 75-71-8	Dichlorodifluoromethane	44		ug/L	5	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	88%	2%	
D112914ALCD	D112914ALCD	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	88%	2%	
D112914ALCD	D112914ALCD	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	2%	
D112914ALCD	D112914ALCD	ORG 74-83-9	Bromomethane	53		ug/L	5	0.50	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	2%	
D112914ALCD	D112914ALCD	ORG 75-00-3	Chloroethane	58		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	116%	5%	
D112914ALCD	D112914ALCD	ORG 75-69-4	Trichlorofluoromethane	80		ug/L	5	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	160%	1%	
D112914ALCD	D112914ALCD	ORG 75-35-4	1,1-Dichloroethene	44		ug/L	1	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	88%	4%	
D112914ALCD	D112914ALCD	ORG 75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	92%	4%	
D112914ALCD	D112914ALCD	ORG 67-64-1	Acetone	56		ug/L	10	1.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	112%	6%	
D112914ALCD	D112914ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	92%	4%	
D112914ALCD	D112914ALCD	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	92%	0%	
D112914ALCD	D112914ALCD	ORG 75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	94%	6%	
D112914ALCD	D112914ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	50		ug/L	1	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	100%	6%	
D112914ALCD	D112914ALCD	ORG 74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	6%	
D112914ALCD	D112914ALCD	ORG 67-66-3	Chloroform	47		ug/L	2	0.16	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	94%	6%	
D112914ALCD	D112914ALCD	ORG 71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	100%	4%	
D112914ALCD	D112914ALCD	ORG 78-93-3	2-Butanone	53		ug/L	1	0.81	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	16%	
D112914ALCD	D112914ALCD	ORG 56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	6%	
D112914ALCD	D112914ALCD	ORG 71-43-2	Benzene	48		ug/L	1	0.14	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	4%	
D112914ALCD	D112914ALCD	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	92%	6%	
D112914ALCD	D112914ALCD	ORG 79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	6%	
D112914ALCD	D112914ALCD	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	100%	4%	
D112914ALCD	D112914ALCD	ORG 78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	6%	
D112914ALCD	D112914ALCD	ORG 75-27-4	Bromodichloromethane	51		ug/L	2	0.12	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	102%	6%	
D112914ALCD	D112914ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	47		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	94%	4%	
D112914ALCD	D112914ALCD	ORG 108-88-3	Toluene	48		ug/L	1	0.21	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	6%	
D112914ALCD	D112914ALCD	ORG 108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	112%	0%	
D112914ALCD	D112914ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	47		ug/L	1	0.31	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	94%	6%	
D112914ALCD	D112914ALCD	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	82%	2%	
D112914ALCD	D112914ALCD	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	6%	
D112914ALCD	D112914ALCD	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	4%	
D112914ALCD	D112914ALCD	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	4%	
D112914ALCD	D112914ALCD	ORG 591-78-6	2-Hexanone	53		ug/L	2	0.69	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	4%	
D112914ALCD	D112914ALCD	ORG 100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	110%	4%	
D112914ALCD	D112914ALCD	ORG 108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	98%	6%	
D112914ALCD	D112914ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	6%	
D112914ALCD	D112914ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	100	110%	0%	
D112914ALCD	D112914ALCD	ORG 95-47-6	o-Xylene	57		ug/L	1	0.13	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	114%	3%	
D112914ALCD	D112914ALCD	ORG 100-42-5	Styrene	57		ug/L	1	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	114%	13%	
D112914ALCD	D112914ALCD	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	92%	4%	
D112914ALCD	D112914ALCD	ORG 98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	108%	4%	
D112914ALCD	D112914ALCD	ORG 103-65-1	n-Propylbenzene	54		ug/L	2	0.27	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	108%	5%	
D112914ALCD	D112914ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	2%	



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D112914ALCD	D112914ALCD	ORG 96-18-4	1,2,3-Trichloropropane	50		ug/L	2	0.29	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	100%	6%	
D112914ALCD	D112914ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	52		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	4%	
D112914ALCD	D112914ALCD	ORG 98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	4%	
D112914ALCD	D112914ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	102%	6%	
D112914ALCD	D112914ALCD	ORG 135-98-8	sec-Butylbenzene	54		ug/L	2	0.32	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	108%	4%	
D112914ALCD	D112914ALCD	ORG 541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	102%	6%	
D112914ALCD	D112914ALCD	ORG 99-87-6	p-Isopropyltoluene	52		ug/L	2	0.25	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	6%	
D112914ALCD	D112914ALCD	ORG 106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	100%	4%	
D112914ALCD	D112914ALCD	ORG 95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	4%	
D112914ALCD	D112914ALCD	ORG 104-51-8	n-Butylbenzene	54		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	108%	5%	
D112914ALCD	D112914ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	108%	2%	
D112914ALCD	D112914ALCD	ORG 87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	2%	
D112914ALCD	D112914ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	106%	4%	
D112914ALCD	D112914ALCD	ORG 91-20-3	Naphthalene	57		ug/L	5	0.56	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	114%	5%	
D112914ALCD	D112914ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	6%	
D112914ALCD	D112914ALCD	STD 1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	104%	0%	
D112914ALCD	D112914ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	96%	0%	
D112914ALCD	D112914ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	98%	0%	
D112914ALCD	D112914ALCD	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	11/29/2014	11/29/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5477	50	102%	0%	



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FINAL ANALYTICAL REPORT

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Project Site: Bridgeton Landfill

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U = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1761MS	T1-080	ORG 75-71-8	Dichlorodifluoromethane	210		ug/L	25	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	84%		
NAL13026-1761MS	T1-080	ORG 74-87-3	Chloromethane	220		ug/L	25	2.15	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	88%		
NAL13026-1761MS	T1-080	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 74-83-9	Bromomethane	260		ug/L	25	2.50	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG 75-00-3	Chloroethane	270		ug/L	25	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	108%		
NAL13026-1761MS	T1-080	ORG 75-69-4	Trichlorofluoromethane	210		ug/L	25	0.98	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	84%		
NAL13026-1761MS	T1-080	ORG 75-35-4	1,1-Dichloroethene	210		ug/L	5	2.36	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	84%		
NAL13026-1761MS	T1-080	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	92%		
NAL13026-1761MS	T1-080	ORG 67-64-1	Acetone	31000		ug/L	50	7.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	-3200%		39000
NAL13026-1761MS	T1-080	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	92%		
NAL13026-1761MS	T1-080	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	92%		
NAL13026-1761MS	T1-080	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		
NAL13026-1761MS	T1-080	ORG 78-93-3	2-Butanone	13000		ug/L	5	4.06	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	1760%		8600
NAL13026-1761MS	T1-080	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	94%		4.3
NAL13026-1761MS	T1-080	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 79-01-6	Trichloroethene	240		ug/L	5	1.82	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		
NAL13026-1761MS	T1-080	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG 10061-01-5	cis-1,3-Dichloropropene	230		ug/L	5	1.25	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	92%		
NAL13026-1761MS	T1-080	ORG 108-88-3	Toluene	240		ug/L	5	1.05	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	95%		3.1
NAL13026-1761MS	T1-080	ORG 108-10-1	4-Methyl-2-pentanone	600		ug/L	25	3.70	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	112%		320
NAL13026-1761MS	T1-080	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	92%		
NAL13026-1761MS	T1-080	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	76%		
NAL13026-1761MS	T1-080	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		
NAL13026-1761MS	T1-080	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	108%		
NAL13026-1761MS	T1-080	ORG 591-78-6	2-Hexanone	290		ug/L	10	3.45	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	48%		170
NAL13026-1761MS	T1-080	ORG 100-41-4	Ethylbenzene	280		ug/L	5	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	109%		7.4
NAL13026-1761MS	T1-080	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		
NAL13026-1761MS	T1-080	ORG 630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		
NAL13026-1761MS	T1-080	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	500	107%		17
NAL13026-1761MS	T1-080	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	119%		13
NAL13026-1761MS	T1-080	ORG 100-42-5	Styrene	300		ug/L	5	1.01	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	119%		1.9
NAL13026-1761MS	T1-080	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	96%		
NAL13026-1761MS	T1-080	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	112%		
NAL13026-1761MS	T1-080	ORG 103-65-1	n-Propylbenzene	280		ug/L	10	1.35	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	112%		
NAL13026-1761MS	T1-080	ORG 79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	120%		

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NAL13026-1761MS	T1-080	ORG 96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	108%		
NAL13026-1761MS	T1-080	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	109%		6.6
NAL13026-1761MS	T1-080	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	108%		
NAL13026-1761MS	T1-080	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	107%		73
NAL13026-1761MS	T1-080	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	112%		
NAL13026-1761MS	T1-080	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	103%		1.3
NAL13026-1761MS	T1-080	ORG 99-87-6	p-Isopropyltoluene	600		ug/L	10	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		350
NAL13026-1761MS	T1-080	ORG 106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	100%		120
NAL13026-1761MS	T1-080	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	107%		2.8
NAL13026-1761MS	T1-080	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	111%		12
NAL13026-1761MS	T1-080	ORG 96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	124%		
NAL13026-1761MS	T1-080	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	76%		
NAL13026-1761MS	T1-080	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	98%		5.5
NAL13026-1761MS	T1-080	ORG 91-20-3	Naphthalene	600		ug/L	25	2.80	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	104%		340
NAL13026-1761MS	T1-080	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	250	91%		2.4
NAL13026-1761MS	T1-080	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	50	102%		
NAL13026-1761MS	T1-080	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	50	94%		
NAL13026-1761MS	T1-080	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	50	96%		
NAL13026-1761MS	T1-080	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5478	50	106%		



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NAL13026-1761MSD	T1-080	ORG 75-71-8	Dichlorodifluoromethane	220		ug/L	25	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	88%	5%	
NAL13026-1761MSD	T1-080	ORG 74-87-3	Chloromethane	230		ug/L	25	2.15	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	92%	4%	
NAL13026-1761MSD	T1-080	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 74-83-9	Bromomethane	260		ug/L	25	2.50	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	0%	
NAL13026-1761MSD	T1-080	ORG 75-00-3	Chloroethane	280		ug/L	25	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	112%	4%	
NAL13026-1761MSD	T1-080	ORG 75-69-4	Trichlorofluoromethane	240		ug/L	25	0.98	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	13%	
NAL13026-1761MSD	T1-080	ORG 75-35-4	1,1-Dichloroethene	210		ug/L	5	2.36	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	84%	0%	
NAL13026-1761MSD	T1-080	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	92%	0%	
NAL13026-1761MSD	T1-080	ORG 67-64-1	Acetone	30000		ug/L	50	7.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	-3600%	3%	39000
NAL13026-1761MSD	T1-080	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	92%	0%	
NAL13026-1761MSD	T1-080	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	92%	0%	
NAL13026-1761MSD	T1-080	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	0%	
NAL13026-1761MSD	T1-080	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	4%	
NAL13026-1761MSD	T1-080	ORG 78-93-3	2-Butanone	13000		ug/L	5	4.06	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	1760%	0%	8600
NAL13026-1761MSD	T1-080	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	108%	4%	
NAL13026-1761MSD	T1-080	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	98%	4%	4.3
NAL13026-1761MSD	T1-080	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	100%	4%	
NAL13026-1761MSD	T1-080	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	0%	
NAL13026-1761MSD	T1-080	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	4%	
NAL13026-1761MSD	T1-080	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	104%	0%	
NAL13026-1761MSD	T1-080	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	4%	
NAL13026-1761MSD	T1-080	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	99%	4%	3.1
NAL13026-1761MSD	T1-080	ORG 108-10-1	4-Methyl-2-pentanone	630		ug/L	25	3.70	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	124%	5%	320
NAL13026-1761MSD	T1-080	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	92%	0%	
NAL13026-1761MSD	T1-080	ORG 127-18-4	Tetrachloroethene	200		ug/L	5	2.43	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	80%	5%	
NAL13026-1761MSD	T1-080	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	100%	0%	
NAL13026-1761MSD	T1-080	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	108%	0%	
NAL13026-1761MSD	T1-080	ORG 591-78-6	2-Hexanone	300		ug/L	10	3.45	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	52%	3%	170
NAL13026-1761MSD	T1-080	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	113%	4%	7.4
NAL13026-1761MSD	T1-080	ORG 108-90-7	Chlorobenzene	250		ug/L	5	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	100%	0%	
NAL13026-1761MSD	T1-080	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	108%	4%	
NAL13026-1761MSD	T1-080	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	500	109%	2%	17
NAL13026-1761MSD	T1-080	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	119%	0%	13
NAL13026-1761MSD	T1-080	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	123%	3%	1.9
NAL13026-1761MSD	T1-080	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	96%	0%	
NAL13026-1761MSD	T1-080	ORG 98-82-8	Isopropylbenzene	280		ug/L	10	1.02	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	112%	0%	
NAL13026-1761MSD	T1-080	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	116%	4%	
NAL13026-1761MSD	T1-080	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALDS5479	250	116%	3%	

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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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NAL13026-1761MSD	T1-080	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	104%	4%	
NAL13026-1761MSD	T1-080	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	109%	0%	6.6
NAL13026-1761MSD	T1-080	ORG 98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	108%	0%	
NAL13026-1761MSD	T1-080	ORG 95-63-6	1,2,4-Trimethylbenzene	350		ug/L	10	1.00	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	111%	3%	73
NAL13026-1761MSD	T1-080	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	112%	0%	
NAL13026-1761MSD	T1-080	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	107%	4%	1.3
NAL13026-1761MSD	T1-080	ORG 99-87-6	p-Isopropyltoluene	620		ug/L	10	1.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	108%	3%	350
NAL13026-1761MSD	T1-080	ORG 106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	100%	0%	120
NAL13026-1761MSD	T1-080	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	107%	0%	2.8
NAL13026-1761MSD	T1-080	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	111%	0%	12
NAL13026-1761MSD	T1-080	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	116%	7%	
NAL13026-1761MSD	T1-080	ORG 87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	72%	5%	
NAL13026-1761MSD	T1-080	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	98%	0%	5.5
NAL13026-1761MSD	T1-080	ORG 91-20-3	Naphthalene	600		ug/L	25	2.80	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	104%	0%	340
NAL13026-1761MSD	T1-080	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	250	87%	4%	2.4
NAL13026-1761MSD	T1-080	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	50	102%	0%	
NAL13026-1761MSD	T1-080	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	50	92%	2%	
NAL13026-1761MSD	T1-080	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	50	98%	2%	
NAL13026-1761MSD	T1-080	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	11/29/2014	11/29/2014	11/29/2014	WG	5	NA	5.0	NA	SW8260B	NALD5479	50	104%	2%	



FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1762	T1-081	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 67-64-1	Acetone	2000	DX-	ug/L	5000	778.04	11/30/2014	11/30/2014	11/30/2014	WG	500	NA	5.0	NA	SW8260B	NALD5484				
NAL13026-1762	T1-081	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 78-93-3	2-Butanone	6600	D	ug/L	5000	405.90	11/30/2014	11/30/2014	11/30/2014	WG	500	NA	5.0	NA	SW8260B	NALD5484				
NAL13026-1762	T1-081	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 71-43-2	Benzene	2.8	J	ug/L	5	0.68	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 108-88-3	Toluene	1.6	J	ug/L	5	1.05	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 108-10-1	4-Methyl-2-pentanone	330		ug/L	25	3.70	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 591-78-6	2-Hexanone	200		ug/L	25	3.45	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 100-41-4	Ethylbenzene	4.3	J	ug/L	5	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG XYLMP	p&m-Xylene	10		ug/L	10	1.31	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 95-47-6	o-Xylene	9.9		ug/L	5	0.64	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 100-42-5	Styrene	1.3	J	ug/L	5	1.01	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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- D** = Compound identified in an analysis at a secondary dilution factor.
- E** = Compound's concentration exceeds the calibration range of the instrument at this dilution.
- X** = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
- J** = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
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- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1762	T1-081	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 108-67-8	1,3,5-Trimethylbenzene	3.2	J	ug/L	10	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 95-63-6	1,2,4-Trimethylbenzene	60		ug/L	10	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 99-87-6	p-Isopropyltoluene	260		ug/L	10	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 106-46-7	1,4-Dichlorobenzene	110		ug/L	10	1.65	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 95-50-1	1,2-Dichlorobenzene	2.0	J	ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 104-51-8	n-Butylbenzene	6.2	J	ug/L	25	1.39	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 120-82-1	1,2,4-Trichlorobenzene	3.3	J	ug/L	25	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 91-20-3	Naphthalene	330		ug/L	25	2.80	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	ORG 87-61-6	1,2,3-Trichlorobenzene	1.7	J	ug/L	25	1.16	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485				
NAL13026-1762	T1-081	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485	50	96%		
NAL13026-1762	T1-081	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485	50	96%		
NAL13026-1762	T1-081	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485	50	100%		
NAL13026-1762	T1-081	STD 460-00-4	Bromofluorobenzene	56		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5485	50	112%		



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D113014CCVA	D113014CCVA	ORG 75-71-8	Dichlorodifluoromethane	47		ug/L	5	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	94%		
D113014CCVA	D113014CCVA	ORG 74-87-3	Chloromethane	45		ug/L	5	0.43	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	90%		
D113014CCVA	D113014CCVA	ORG 75-01-4	Vinyl chloride	54		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	108%		
D113014CCVA	D113014CCVA	ORG 74-83-9	Bromomethane	76		ug/L	5	0.50	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	152%		
D113014CCVA	D113014CCVA	ORG 75-00-3	Chloroethane	57		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	114%		
D113014CCVA	D113014CCVA	ORG 75-69-4	Trichlorofluoromethane	200		ug/L	5	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	400%		
D113014CCVA	D113014CCVA	ORG 75-35-4	1,1-Dichloroethene	56		ug/L	1	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	112%		
D113014CCVA	D113014CCVA	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	94%		
D113014CCVA	D113014CCVA	ORG 67-64-1	Acetone	38		ug/L	10	1.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	76%		
D113014CCVA	D113014CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 1634-04-4	MTBE	47		ug/L	5	0.61	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	94%		
D113014CCVA	D113014CCVA	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	96%		
D113014CCVA	D113014CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 67-66-3	Chloroform	48		ug/L	2	0.16	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	96%		
D113014CCVA	D113014CCVA	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	ORG 78-93-3	2-Butanone	58		ug/L	1	0.81	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	116%		
D113014CCVA	D113014CCVA	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	112%		
D113014CCVA	D113014CCVA	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	92%		
D113014CCVA	D113014CCVA	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	106%		
D113014CCVA	D113014CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	78%		
D113014CCVA	D113014CCVA	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	96%		
D113014CCVA	D113014CCVA	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	96%		
D113014CCVA	D113014CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	ORG 591-78-6	2-Hexanone	40		ug/L	2	0.69	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	80%		
D113014CCVA	D113014CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	116%		
D113014CCVA	D113014CCVA	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	102%		
D113014CCVA	D113014CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	110%		
D113014CCVA	D113014CCVA	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	100	110%		
D113014CCVA	D113014CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	120%		
D113014CCVA	D113014CCVA	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	118%		
D113014CCVA	D113014CCVA	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	94%		
D113014CCVA	D113014CCVA	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	112%		
D113014CCVA	D113014CCVA	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	116%		
D113014CCVA	D113014CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	96%		

Confidential
D113014AKCF

D113014AKCF



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D113014CCVA	D113014CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	108%		
D113014CCVA	D113014CCVA	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	114%		
D113014CCVA	D113014CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	108%		
D113014CCVA	D113014CCVA	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	114%		
D113014CCVA	D113014CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	106%		
D113014CCVA	D113014CCVA	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	110%		
D113014CCVA	D113014CCVA	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	106%		
D113014CCVA	D113014CCVA	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	118%		
D113014CCVA	D113014CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	116%		
D113014CCVA	D113014CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	110%		
D113014CCVA	D113014CCVA	ORG 91-20-3	Naphthalene	52		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	104%		
D113014CCVA	D113014CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	100%		
D113014CCVA	D113014CCVA	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	92%		
D113014CCVA	D113014CCVA	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	98%		
D113014CCVA	D113014CCVA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5481	50	106%		



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D113014MBKA	D113014MBKA	ORG 75-71-8	Dichlorodifluoromethane	U	ug/L	5	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 74-87-3	Chloromethane	U	ug/L	5	0.43	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-01-4	Vinyl chloride	U	ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 74-83-9	Bromomethane	U	ug/L	5	0.50	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-00-3	Chloroethane	U	ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-69-4	Trichlorofluoromethane	U	ug/L	5	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-35-4	1,1-Dichloroethene	U	ug/L	1	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-09-2	Methylene chloride	U	ug/L	5	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 67-64-1	Acetone	U	ug/L	10	1.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U	ug/L	1	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 1634-04-4	MTBE	U	ug/L	5	0.61	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-34-3	1,1-Dichloroethane	U	ug/L	1	0.53	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U	ug/L	1	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 74-97-5	Bromochloromethane	U	ug/L	10	0.41	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 67-66-3	Chloroform	U	ug/L	2	0.16	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U	ug/L	1	0.17	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 78-93-3	2-Butanone	U	ug/L	1	0.81	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 56-23-5	Carbon tetrachloride	U	ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 71-43-2	Benzene	U	ug/L	1	0.14	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 107-06-2	1,2-Dichloroethane	U	ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 79-01-6	Trichloroethene	U	ug/L	1	0.36	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 74-95-3	Dibromomethane	U	ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 78-87-5	1,2-Dichloropropane	U	ug/L	1	0.18	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-27-4	Bromodichloromethane	U	ug/L	2	0.12	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U	ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 108-88-3	Toluene	U	ug/L	1	0.21	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U	ug/L	5	0.74	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U	ug/L	1	0.31	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 127-18-4	Tetrachloroethene	U	ug/L	1	0.49	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U	ug/L	1	0.34	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 124-48-1	Dibromochloromethane	U	ug/L	5	0.30	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 106-93-4	1,2-Dibromoethane	U	ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 591-78-6	2-Hexanone	U	ug/L	2	0.69	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 100-41-4	Ethylbenzene	U	ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 108-90-7	Chlorobenzene	U	ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U	ug/L	2	0.19	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG XYLMP	p&m-Xylene	U	ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 95-47-6	o-Xylene	U	ug/L	1	0.13	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 100-42-5	Styrene	U	ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 75-25-2	Bromoform	U	ug/L	2	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 98-82-8	Isopropylbenzene	U	ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 103-65-1	n-Propylbenzene	U	ug/L	2	0.27	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U	ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					
D113014MBKA	D113014MBKA	ORG 96-18-4	1,2,3-Trichloropropane	U	ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483					



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D113014MBKA	D113014MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483				
D113014MBKA	D113014MBKA	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483	50	98%		
D113014MBKA	D113014MBKA	STD 17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483	50	104%		
D113014MBKA	D113014MBKA	STD 2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483	50	102%		
D113014MBKA	D113014MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5483	50	106%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D113014ALCS	D113014ALCS	ORG 75-71-8	Dichlorodifluoromethane	42		ug/L	5	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	84%		
D113014ALCS	D113014ALCS	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	82%		
D113014ALCS	D113014ALCS	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		
D113014ALCS	D113014ALCS	ORG 74-83-9	Bromomethane	71		ug/L	5	0.50	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	142%		
D113014ALCS	D113014ALCS	ORG 75-00-3	Chloroethane	53		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 75-69-4	Trichlorofluoromethane	230		ug/L	5	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	460%		
D113014ALCS	D113014ALCS	ORG 75-35-4	1,1-Dichloroethene	52		ug/L	1	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	104%		
D113014ALCS	D113014ALCS	ORG 75-09-2	Methylene chloride	40		ug/L	5	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	80%		
D113014ALCS	D113014ALCS	ORG 67-64-1	Acetone	49		ug/L	10	1.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	94%		
D113014ALCS	D113014ALCS	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	92%		
D113014ALCS	D113014ALCS	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		
D113014ALCS	D113014ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	104%		
D113014ALCS	D113014ALCS	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 67-66-3	Chloroform	48		ug/L	2	0.16	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		
D113014ALCS	D113014ALCS	ORG 71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	102%		
D113014ALCS	D113014ALCS	ORG 78-93-3	2-Butanone	55		ug/L	1	0.81	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	108%		
D113014ALCS	D113014ALCS	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	94%		
D113014ALCS	D113014ALCS	ORG 79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	100%		
D113014ALCS	D113014ALCS	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 108-88-3	Toluene	49		ug/L	1	0.21	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 108-10-1	4-Methyl-2-pentanone	52		ug/L	5	0.74	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	104%		
D113014ALCS	D113014ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	78%		
D113014ALCS	D113014ALCS	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	94%		
D113014ALCS	D113014ALCS	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		
D113014ALCS	D113014ALCS	ORG 106-93-4	1,2-Dibromomethane	52		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	104%		
D113014ALCS	D113014ALCS	ORG 591-78-6	2-Hexanone	48		ug/L	2	0.69	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		
D113014ALCS	D113014ALCS	ORG 100-41-4	Ethylbenzene	56		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	112%		
D113014ALCS	D113014ALCS	ORG 108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	100%		
D113014ALCS	D113014ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	100	110%		
D113014ALCS	D113014ALCS	ORG 95-47-6	o-Xylene	58		ug/L	1	0.13	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	116%		
D113014ALCS	D113014ALCS	ORG 100-42-5	Styrene	58		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	116%		
D113014ALCS	D113014ALCS	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	92%		
D113014ALCS	D113014ALCS	ORG 98-82-8	Isopropylbenzene	55		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	112%		
D113014ALCS	D113014ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	100%		
D113014ALCS	D113014ALCS	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	96%		



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D113014ALCS	D113014ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 99-87-6	p-Isopropyltoluene	54		ug/L	2	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	108%		
D113014ALCS	D113014ALCS	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	102%		
D113014ALCS	D113014ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	ORG 104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	114%		
D113014ALCS	D113014ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	102%		
D113014ALCS	D113014ALCS	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	116%		
D113014ALCS	D113014ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 91-20-3	Naphthalene	55		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	110%		
D113014ALCS	D113014ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	106%		
D113014ALCS	D113014ALCS	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	100%		
D113014ALCS	D113014ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	94%		
D113014ALCS	D113014ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	98%		
D113014ALCS	D113014ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5482	50	104%		



FINAL ANALYTICAL REPORT

Republic Services
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D113014ALCD	D113014ALCD	ORG 75-71-8	Dichlorodifluoromethane	44		ug/L	5	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	88%	5%	
D113014ALCD	D113014ALCD	ORG 74-87-3	Chloromethane	44		ug/L	5	0.43	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	88%	7%	
D113014ALCD	D113014ALCD	ORG 75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	4%	
D113014ALCD	D113014ALCD	ORG 74-83-9	Bromomethane	68		ug/L	5	0.50	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	136%	4%	
D113014ALCD	D113014ALCD	ORG 75-00-3	Chloroethane	58		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	116%	9%	
D113014ALCD	D113014ALCD	ORG 75-69-4	Trichlorofluoromethane	140		ug/L	5	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	280%	49%	
D113014ALCD	D113014ALCD	ORG 75-35-4	1,1-Dichloroethene	49		ug/L	1	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	98%	6%	
D113014ALCD	D113014ALCD	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	98%	20%	
D113014ALCD	D113014ALCD	ORG 67-64-1	Acetone	51		ug/L	10	1.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	4%	
D113014ALCD	D113014ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	49		ug/L	1	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	98%	4%	
D113014ALCD	D113014ALCD	ORG 1634-04-4	MTBE	45		ug/L	5	0.61	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	90%	2%	
D113014ALCD	D113014ALCD	ORG 75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	4%	
D113014ALCD	D113014ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	108%	4%	
D113014ALCD	D113014ALCD	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	6%	
D113014ALCD	D113014ALCD	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	6%	
D113014ALCD	D113014ALCD	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	106%	4%	
D113014ALCD	D113014ALCD	ORG 78-93-3	2-Butanone	57		ug/L	1	0.81	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	114%	4%	
D113014ALCD	D113014ALCD	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	4%	
D113014ALCD	D113014ALCD	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	4%	
D113014ALCD	D113014ALCD	ORG 107-06-2	1,2-Dichloroethane	50		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	6%	
D113014ALCD	D113014ALCD	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	6%	
D113014ALCD	D113014ALCD	ORG 74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	6%	
D113014ALCD	D113014ALCD	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	4%	
D113014ALCD	D113014ALCD	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	4%	
D113014ALCD	D113014ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	2%	
D113014ALCD	D113014ALCD	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	4%	
D113014ALCD	D113014ALCD	ORG 108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	106%	2%	
D113014ALCD	D113014ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	2%	
D113014ALCD	D113014ALCD	ORG 127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	86%	10%	
D113014ALCD	D113014ALCD	ORG 79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	6%	
D113014ALCD	D113014ALCD	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	100%	4%	
D113014ALCD	D113014ALCD	ORG 106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	6%	
D113014ALCD	D113014ALCD	ORG 591-78-6	2-Hexanone	47		ug/L	2	0.69	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	94%	2%	
D113014ALCD	D113014ALCD	ORG 100-41-4	Ethylbenzene	60		ug/L	1	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	120%	7%	
D113014ALCD	D113014ALCD	ORG 108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	108%	8%	
D113014ALCD	D113014ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	57		ug/L	2	0.19	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	114%	4%	
D113014ALCD	D113014ALCD	ORG XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	100	110%	0%	
D113014ALCD	D113014ALCD	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	122%	5%	
D113014ALCD	D113014ALCD	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	122%	5%	
D113014ALCD	D113014ALCD	ORG 75-25-2	Bromoform	48		ug/L	2	0.47	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	96%	4%	
D113014ALCD	D113014ALCD	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	114%	4%	
D113014ALCD	D113014ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	116%	4%	
D113014ALCD	D113014ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	4%	
D113014ALCD	D113014ALCD	ORG 96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	6%	



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D113014ALCD	D113014ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	4%	
D113014ALCD	D113014ALCD	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	2%	
D113014ALCD	D113014ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	4%	
D113014ALCD	D113014ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	114%	4%	
D113014ALCD	D113014ALCD	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	4%	
D113014ALCD	D113014ALCD	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	4%	
D113014ALCD	D113014ALCD	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	108%	6%	
D113014ALCD	D113014ALCD	ORG 95-50-1	1,2-Dichlorobenzene	56		ug/L	2	0.26	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	6%	
D113014ALCD	D113014ALCD	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	116%	2%	
D113014ALCD	D113014ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	2%	
D113014ALCD	D113014ALCD	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	4%	
D113014ALCD	D113014ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	112%	2%	
D113014ALCD	D113014ALCD	ORG 91-20-3	Naphthalene	57		ug/L	5	0.56	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	114%	4%	
D113014ALCD	D113014ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	110%	4%	
D113014ALCD	D113014ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	102%	2%	
D113014ALCD	D113014ALCD	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	96%	2%	
D113014ALCD	D113014ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	98%	0%	
D113014ALCD	D113014ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	11/30/2014	11/30/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5487	50	104%	0%	



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1762MS	T1-081	ORG 75-71-8	Dichlorodifluoromethane	210		ug/L	25	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	84%		
NAL13026-1762MS	T1-081	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	84%		
NAL13026-1762MS	T1-081	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		
NAL13026-1762MS	T1-081	ORG 74-83-9	Bromomethane	330		ug/L	25	2.50	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	132%		
NAL13026-1762MS	T1-081	ORG 75-00-3	Chloroethane	260		ug/L	25	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 75-69-4	Trichlorofluoromethane	410		ug/L	25	0.98	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	164%		
NAL13026-1762MS	T1-081	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 67-64-1	Acetone	30000		ug/L	50	7.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	4000%		20000
NAL13026-1762MS	T1-081	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 1634-04-4	MTBE	220		ug/L	25	3.06	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	88%		
NAL13026-1762MS	T1-081	ORG 75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		
NAL13026-1762MS	T1-081	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		
NAL13026-1762MS	T1-081	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	100%		
NAL13026-1762MS	T1-081	ORG 78-93-3	2-Butanone	12000		ug/L	5	4.06	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	2160%		6600
NAL13026-1762MS	T1-081	ORG 56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 71-43-2	Benzene	240		ug/L	5	0.68	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	95%		2.8
NAL13026-1762MS	T1-081	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	100%		
NAL13026-1762MS	T1-081	ORG 74-95-3	Dibromomethane	250		ug/L	10	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	100%		
NAL13026-1762MS	T1-081	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		
NAL13026-1762MS	T1-081	ORG 108-88-3	Toluene	240		ug/L	5	1.05	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	95%		1.6
NAL13026-1762MS	T1-081	ORG 108-10-1	4-Methyl-2-pentanone	570		ug/L	25	3.70	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		330
NAL13026-1762MS	T1-081	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	76%		
NAL13026-1762MS	T1-081	ORG 79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		
NAL13026-1762MS	T1-081	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 591-78-6	2-Hexanone	270		ug/L	10	3.45	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	28%		200
NAL13026-1762MS	T1-081	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	114%		4.3
NAL13026-1762MS	T1-081	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	104%		
NAL13026-1762MS	T1-081	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	108%		
NAL13026-1762MS	T1-081	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	500	110%		10
NAL13026-1762MS	T1-081	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	120%		9.9
NAL13026-1762MS	T1-081	ORG 100-42-5	Styrene	310		ug/L	5	1.01	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	123%		1.3
NAL13026-1762MS	T1-081	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	92%		
NAL13026-1762MS	T1-081	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	116%		
NAL13026-1762MS	T1-081	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	116%		
NAL13026-1762MS	T1-081	ORG 79-34-5	1,1,2,2-Tetrachloroethane	270		ug/L	10	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	108%		
NAL13026-1762MS	T1-081	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	100%		



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1762MS	T1-081	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	111%		3.2
NAL13026-1762MS	T1-081	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	112%		
NAL13026-1762MS	T1-081	ORG 95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	108%		60
NAL13026-1762MS	T1-081	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	112%		
NAL13026-1762MS	T1-081	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	108%		
NAL13026-1762MS	T1-081	ORG 99-87-6	p-Isopropyltoluene	530		ug/L	10	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	108%		260
NAL13026-1762MS	T1-081	ORG 106-46-7	1,4-Dichlorobenzene	360		ug/L	10	1.65	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	100%		110
NAL13026-1762MS	T1-081	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	103%		2.0
NAL13026-1762MS	T1-081	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	114%		6.2
NAL13026-1762MS	T1-081	ORG 96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	116%		
NAL13026-1762MS	T1-081	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	76%		
NAL13026-1762MS	T1-081	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	99%		3.3
NAL13026-1762MS	T1-081	ORG 91-20-3	Naphthalene	570		ug/L	25	2.80	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	96%		330
NAL13026-1762MS	T1-081	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	250	87%		1.7
NAL13026-1762MS	T1-081	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	50	102%		
NAL13026-1762MS	T1-081	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	50	92%		
NAL13026-1762MS	T1-081	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	50	96%		
NAL13026-1762MS	T1-081	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5488	50	108%		



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NAL13026-1762MSD	T1-081	ORG 75-71-8	Dichlorodifluoromethane	210		ug/L	25	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	84%	0%	
NAL13026-1762MSD	T1-081	ORG 74-87-3	Chloromethane	220		ug/L	25	2.15	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	88%	5%	
NAL13026-1762MSD	T1-081	ORG 75-01-4	Vinyl chloride	250		ug/L	10	1.59	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	100%	4%	
NAL13026-1762MSD	T1-081	ORG 74-83-9	Bromomethane	330		ug/L	25	2.50	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	132%	0%	
NAL13026-1762MSD	T1-081	ORG 75-00-3	Chloroethane	270		ug/L	25	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	4%	
NAL13026-1762MSD	T1-081	ORG 75-69-4	Trichlorofluoromethane	920		ug/L	25	0.98	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	368%	77%	
NAL13026-1762MSD	T1-081	ORG 75-35-4	1,1-Dichloroethene	280		ug/L	5	2.36	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	112%	7%	
NAL13026-1762MSD	T1-081	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	0%	
NAL13026-1762MSD	T1-081	ORG 67-64-1	Acetone	29000		ug/L	50	7.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	3600%	3%	20000
NAL13026-1762MSD	T1-081	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	0%	
NAL13026-1762MSD	T1-081	ORG 1634-04-4	MTBE	230		ug/L	25	3.06	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	4%	
NAL13026-1762MSD	T1-081	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	4%	
NAL13026-1762MSD	T1-081	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	4%	
NAL13026-1762MSD	T1-081	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	0%	
NAL13026-1762MSD	T1-081	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	0%	
NAL13026-1762MSD	T1-081	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	4%	
NAL13026-1762MSD	T1-081	ORG 78-93-3	2-Butanone	11000		ug/L	5	4.06	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	1760%	9%	6600
NAL13026-1762MSD	T1-081	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	4%	
NAL13026-1762MSD	T1-081	ORG 71-43-2	Benzene	250		ug/L	5	0.68	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	99%	4%	2.8
NAL13026-1762MSD	T1-081	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	4%	
NAL13026-1762MSD	T1-081	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	100%	0%	
NAL13026-1762MSD	T1-081	ORG 74-95-3	Dibromomethane	260		ug/L	10	1.61	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	4%	
NAL13026-1762MSD	T1-081	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	0%	
NAL13026-1762MSD	T1-081	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	0%	
NAL13026-1762MSD	T1-081	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	0%	
NAL13026-1762MSD	T1-081	ORG 108-88-3	Toluene	250		ug/L	5	1.05	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	99%	4%	1.6
NAL13026-1762MSD	T1-081	ORG 108-10-1	4-Methyl-2-pentanone	580		ug/L	25	3.70	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	100%	2%	330
NAL13026-1762MSD	T1-081	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	0%	
NAL13026-1762MSD	T1-081	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	76%	0%	
NAL13026-1762MSD	T1-081	ORG 79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	0%	
NAL13026-1762MSD	T1-081	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	0%	
NAL13026-1762MSD	T1-081	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	0%	
NAL13026-1762MSD	T1-081	ORG 591-78-6	2-Hexanone	260		ug/L	10	3.45	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	24%	4%	200
NAL13026-1762MSD	T1-081	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	118%	3%	4.3
NAL13026-1762MSD	T1-081	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	4%	
NAL13026-1762MSD	T1-081	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	112%	4%	
NAL13026-1762MSD	T1-081	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	500	114%	4%	10
NAL13026-1762MSD	T1-081	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	124%	3%	9.9
NAL13026-1762MSD	T1-081	ORG 100-42-5	Styrene	320		ug/L	5	1.01	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	127%	3%	1.3
NAL13026-1762MSD	T1-081	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	92%	0%	
NAL13026-1762MSD	T1-081	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	116%	0%	
NAL13026-1762MSD	T1-081	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	120%	3%	
NAL13026-1762MSD	T1-081	ORG 79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	116%	7%	
NAL13026-1762MSD	T1-081	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	100%	0%	

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D113014AKCF



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NAL13026-1762MSD	T1-081	ORG 98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	112%	0%	
NAL13026-1762MSD	T1-081	ORG 95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	112%	3%	60
NAL13026-1762MSD	T1-081	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	116%	4%	
NAL13026-1762MSD	T1-081	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	0%	
NAL13026-1762MSD	T1-081	ORG 99-87-6	p-Isopropyltoluene	530		ug/L	10	1.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	108%	0%	260
NAL13026-1762MSD	T1-081	ORG 106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	104%	3%	110
NAL13026-1762MSD	T1-081	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	107%	4%	2.0
NAL13026-1762MSD	T1-081	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	114%	0%	6.2
NAL13026-1762MSD	T1-081	ORG 96-12-8	1,2-Dibromo-3-chloropropane	280		ug/L	25	7.96	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	112%	4%	
NAL13026-1762MSD	T1-081	ORG 87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	76%	0%	
NAL13026-1762MSD	T1-081	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	99%	0%	3.3
NAL13026-1762MSD	T1-081	ORG 91-20-3	Naphthalene	570		ug/L	25	2.80	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	96%	0%	330
NAL13026-1762MSD	T1-081	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	250	87%	0%	1.7
NAL13026-1762MSD	T1-081	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	50	102%	0%	
NAL13026-1762MSD	T1-081	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	50	96%	4%	
NAL13026-1762MSD	T1-081	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	50	98%	2%	
NAL13026-1762MSD	T1-081	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	11/30/2014	11/30/2014	11/30/2014	WG	5	NA	5.0	NA	SW8260B	NALD5489	50	108%	0%	



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NAL13026-1763	T1-082	ORG 75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 67-64-1	Acetone	20000	D	ug/L	5000	778.04	12/1/2014	12/1/2014	12/1/2014	WG	500	NA	5.0	NA	SW8260B	NALD5494				
NAL13026-1763	T1-082	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 78-93-3	2-Butanone	6800	D	ug/L	5000	405.90	12/1/2014	12/1/2014	12/1/2014	WG	500	NA	5.0	NA	SW8260B	NALD5494				
NAL13026-1763	T1-082	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 71-43-2	Benzene	3.0	J	ug/L	5	0.68	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 108-88-3	Toluene	1.8	J	ug/L	5	1.05	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 108-10-1	4-Methyl-2-pentanone	340		ug/L	25	3.70	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 591-78-6	2-Hexanone	150		ug/L	25	3.45	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 100-41-4	Ethylbenzene	4.5	J	ug/L	5	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG XYLMP	p&m-Xylene	11		ug/L	10	1.31	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 95-47-6	o-Xylene	10		ug/L	5	0.64	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 100-42-5	Styrene	1.5	J	ug/L	5	1.01	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				

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NAL13026-1763	T1-082	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 108-67-8	1,3,5-Trimethylbenzene	2.0	J	ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 99-87-6	p-Isopropyltoluene	230		ug/L	10	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 106-46-7	1,4-Dichlorobenzene	98		ug/L	10	1.65	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 95-50-1	1,2-Dichlorobenzene	1.8	J	ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 104-51-8	n-Butylbenzene	9.0	J	ug/L	25	1.39	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 120-82-1	1,2,4-Trichlorobenzene	3.0	J	ug/L	25	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 91-20-3	Naphthalene	300		ug/L	25	2.80	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	ORG 87-61-6	1,2,3-Trichlorobenzene	1.6	J	ug/L	25	1.16	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495				
NAL13026-1763	T1-082	STD 1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495	50	98%		
NAL13026-1763	T1-082	STD 17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495	50	98%		
NAL13026-1763	T1-082	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495	50	98%		
NAL13026-1763	T1-082	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5495	50	110%		



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D120114CCVA	D120114CCVA	ORG 75-71-8	Dichlorodifluoromethane	46		ug/L	5	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	92%		
D120114CCVA	D120114CCVA	ORG 74-87-3	Chloromethane	47		ug/L	5	0.43	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	94%		
D120114CCVA	D120114CCVA	ORG 75-01-4	Vinyl chloride	53		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	106%		
D120114CCVA	D120114CCVA	ORG 74-83-9	Bromomethane	81		ug/L	5	0.50	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	162%		
D120114CCVA	D120114CCVA	ORG 75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	116%		
D120114CCVA	D120114CCVA	ORG 75-69-4	Trichlorofluoromethane	172		ug/L	5	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	344%		
D120114CCVA	D120114CCVA	ORG 75-35-4	1,1-Dichloroethene	48		ug/L	1	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		
D120114CCVA	D120114CCVA	ORG 67-64-1	Acetone	43		ug/L	10	1.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	86%		
D120114CCVA	D120114CCVA	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 1634-04-4	MTBE	46		ug/L	5	0.61	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	92%		
D120114CCVA	D120114CCVA	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	ORG 74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		
D120114CCVA	D120114CCVA	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	104%		
D120114CCVA	D120114CCVA	ORG 78-93-3	2-Butanone	58		ug/L	1	0.81	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	116%		
D120114CCVA	D120114CCVA	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	110%		
D120114CCVA	D120114CCVA	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		
D120114CCVA	D120114CCVA	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	94%		
D120114CCVA	D120114CCVA	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	110%		
D120114CCVA	D120114CCVA	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		
D120114CCVA	D120114CCVA	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	82%		
D120114CCVA	D120114CCVA	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		
D120114CCVA	D120114CCVA	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	104%		
D120114CCVA	D120114CCVA	ORG 591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	86%		
D120114CCVA	D120114CCVA	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	116%		
D120114CCVA	D120114CCVA	ORG 108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	110%		
D120114CCVA	D120114CCVA	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	100	111%		
D120114CCVA	D120114CCVA	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	120%		
D120114CCVA	D120114CCVA	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	118%		
D120114CCVA	D120114CCVA	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	94%		
D120114CCVA	D120114CCVA	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	114%		
D120114CCVA	D120114CCVA	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	114%		
D120114CCVA	D120114CCVA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	98%		



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D120114CCVA	D120114CCVA	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	96%		
D120114CCVA	D120114CCVA	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	108%		
D120114CCVA	D120114CCVA	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	112%		
D120114CCVA	D120114CCVA	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	108%		
D120114CCVA	D120114CCVA	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	112%		
D120114CCVA	D120114CCVA	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	106%		
D120114CCVA	D120114CCVA	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	110%		
D120114CCVA	D120114CCVA	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	106%		
D120114CCVA	D120114CCVA	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	116%		
D120114CCVA	D120114CCVA	ORG 96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	116%		
D120114CCVA	D120114CCVA	ORG 120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	110%		
D120114CCVA	D120114CCVA	ORG 91-20-3	Naphthalene	51		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	102%		
D120114CCVA	D120114CCVA	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	94%		
D120114CCVA	D120114CCVA	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	100%		
D120114CCVA	D120114CCVA	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5491	50	104%		



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Table with 23 columns: Lab ID, Sample ID, CAS #, ANALYTES, Results, QC, Units, RDL, MDL, Sample Date, Prep. Date, Analysis Date, Matrix, Dil., Weight(g), Vol.(ml), % Solid, Method, Data file, Spike, % Rec, % RPD, Parent. It contains 40 rows of analytical data for various compounds like Dichlorodifluoromethane, Chloromethane, Vinyl chloride, etc.



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D120114MBKA	D120114MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493				
D120114MBKA	D120114MBKA	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493	50	96%		
D120114MBKA	D120114MBKA	STD 17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493	50	100%		
D120114MBKA	D120114MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493	50	104%		
D120114MBKA	D120114MBKA	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5493	50	108%		

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D120114ALCS	D120114ALCS	ORG 75-71-8	Dichlorodifluoromethane	42		ug/L	5	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	84%		
D120114ALCS	D120114ALCS	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	82%		
D120114ALCS	D120114ALCS	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 74-83-9	Bromomethane	76		ug/L	5	0.50	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	152%		
D120114ALCS	D120114ALCS	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	110%		
D120114ALCS	D120114ALCS	ORG 75-69-4	Trichlorofluoromethane	336		ug/L	5	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	672%		
D120114ALCS	D120114ALCS	ORG 75-35-4	1,1-Dichloroethene	53		ug/L	1	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	106%		
D120114ALCS	D120114ALCS	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	94%		
D120114ALCS	D120114ALCS	ORG 67-64-1	Acetone	41		ug/L	10	1.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	82%		
D120114ALCS	D120114ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 1634-04-4	MTBE	43		ug/L	5	0.61	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	86%		
D120114ALCS	D120114ALCS	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	102%		
D120114ALCS	D120114ALCS	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 67-66-3	Chloroform	49		ug/L	1	0.16	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	104%		
D120114ALCS	D120114ALCS	ORG 78-93-3	2-Butanone	49		ug/L	1	0.81	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	112%		
D120114ALCS	D120114ALCS	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	94%		
D120114ALCS	D120114ALCS	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	100%		
D120114ALCS	D120114ALCS	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	102%		
D120114ALCS	D120114ALCS	ORG 75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	108%		
D120114ALCS	D120114ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	100%		
D120114ALCS	D120114ALCS	ORG 108-10-1	4-Methyl-2-pentanone	46		ug/L	5	0.74	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	92%		
D120114ALCS	D120114ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	82%		
D120114ALCS	D120114ALCS	ORG 79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	94%		
D120114ALCS	D120114ALCS	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	100%		
D120114ALCS	D120114ALCS	ORG 591-78-6	2-Hexanone	41		ug/L	2	0.69	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	82%		
D120114ALCS	D120114ALCS	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	116%		
D120114ALCS	D120114ALCS	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	104%		
D120114ALCS	D120114ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	110%		
D120114ALCS	D120114ALCS	ORG XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	100	111%		
D120114ALCS	D120114ALCS	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	120%		
D120114ALCS	D120114ALCS	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	120%		
D120114ALCS	D120114ALCS	ORG 75-25-2	Bromoform	45		ug/L	2	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	90%		
D120114ALCS	D120114ALCS	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	112%		
D120114ALCS	D120114ALCS	ORG 103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	114%		
D120114ALCS	D120114ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		



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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D120114ALCS	D120114ALCS	ORG 96-18-4	1,2,3-Trichloropropane	47		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	94%		
D120114ALCS	D120114ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	108%		
D120114ALCS	D120114ALCS	ORG 98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	112%		
D120114ALCS	D120114ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	106%		
D120114ALCS	D120114ALCS	ORG 135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	112%		
D120114ALCS	D120114ALCS	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	106%		
D120114ALCS	D120114ALCS	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	110%		
D120114ALCS	D120114ALCS	ORG 106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	102%		
D120114ALCS	D120114ALCS	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	106%		
D120114ALCS	D120114ALCS	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	116%		
D120114ALCS	D120114ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	96%		
D120114ALCS	D120114ALCS	ORG 87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	112%		
D120114ALCS	D120114ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	108%		
D120114ALCS	D120114ALCS	ORG 91-20-3	Naphthalene	52		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	104%		
D120114ALCS	D120114ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	102%		
D120114ALCS	D120114ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	102%		
D120114ALCS	D120114ALCS	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	94%		
D120114ALCS	D120114ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	98%		
D120114ALCS	D120114ALCS	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5492	50	104%		



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D120114ALCD	D120114ALCD	ORG 75-71-8	Dichlorodifluoromethane	40		ug/L	5	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	80%	5%	
D120114ALCD	D120114ALCD	ORG 74-87-3	Chloromethane	39		ug/L	5	0.43	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	78%	5%	
D120114ALCD	D120114ALCD	ORG 75-01-4	Vinyl chloride	47		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	94%	2%	
D120114ALCD	D120114ALCD	ORG 74-83-9	Bromomethane	71		ug/L	5	0.50	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	142%	7%	
D120114ALCD	D120114ALCD	ORG 75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	110%	0%	
D120114ALCD	D120114ALCD	ORG 75-69-4	Trichlorofluoromethane	294		ug/L	5	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	588%	13%	
D120114ALCD	D120114ALCD	ORG 75-35-4	1,1-Dichloroethene	55		ug/L	1	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	110%	4%	
D120114ALCD	D120114ALCD	ORG 75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	94%	0%	
D120114ALCD	D120114ALCD	ORG 67-64-1	Acetone	38		ug/L	10	1.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	76%	8%	
D120114ALCD	D120114ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	0%	
D120114ALCD	D120114ALCD	ORG 1634-04-4	MTBE	43		ug/L	5	0.61	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	86%	0%	
D120114ALCD	D120114ALCD	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	0%	
D120114ALCD	D120114ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	102%	0%	
D120114ALCD	D120114ALCD	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	98%	0%	
D120114ALCD	D120114ALCD	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	98%	0%	
D120114ALCD	D120114ALCD	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	104%	0%	
D120114ALCD	D120114ALCD	ORG 78-93-3	2-Butanone	51		ug/L	1	0.81	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	102%	4%	
D120114ALCD	D120114ALCD	ORG 56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	110%	2%	
D120114ALCD	D120114ALCD	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	98%	0%	
D120114ALCD	D120114ALCD	ORG 107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	94%	0%	
D120114ALCD	D120114ALCD	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	0%	
D120114ALCD	D120114ALCD	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	98%	0%	
D120114ALCD	D120114ALCD	ORG 78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	2%	
D120114ALCD	D120114ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	106%	2%	
D120114ALCD	D120114ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	48		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	2%	
D120114ALCD	D120114ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	0%	
D120114ALCD	D120114ALCD	ORG 108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	98%	6%	
D120114ALCD	D120114ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	0%	
D120114ALCD	D120114ALCD	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	78%	5%	
D120114ALCD	D120114ALCD	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	2%	
D120114ALCD	D120114ALCD	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	0%	
D120114ALCD	D120114ALCD	ORG 106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	0%	
D120114ALCD	D120114ALCD	ORG 591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	86%	5%	
D120114ALCD	D120114ALCD	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	116%	0%	
D120114ALCD	D120114ALCD	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	104%	0%	
D120114ALCD	D120114ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	110%	0%	
D120114ALCD	D120114ALCD	ORG XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	100	113%	2%	
D120114ALCD	D120114ALCD	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	120%	0%	
D120114ALCD	D120114ALCD	ORG 100-42-5	Styrene	59		ug/L	1	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	118%	2%	
D120114ALCD	D120114ALCD	ORG 75-25-2	Bromoform	45		ug/L	2	0.47	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	90%	0%	
D120114ALCD	D120114ALCD	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	112%	0%	
D120114ALCD	D120114ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	116%	2%	
D120114ALCD	D120114ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	0%	



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 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D120114ALCD	D120114ALCD	ORG 96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	96%	2%	
D120114ALCD	D120114ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	108%	0%	
D120114ALCD	D120114ALCD	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	114%	2%	
D120114ALCD	D120114ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	108%	2%	
D120114ALCD	D120114ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	114%	2%	
D120114ALCD	D120114ALCD	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	108%	2%	
D120114ALCD	D120114ALCD	ORG 99-87-6	p-Isopropyltoluene	55		ug/L	2	0.25	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	110%	0%	
D120114ALCD	D120114ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	104%	2%	
D120114ALCD	D120114ALCD	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	106%	0%	
D120114ALCD	D120114ALCD	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	118%	2%	
D120114ALCD	D120114ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	46		ug/L	5	1.59	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	92%	4%	
D120114ALCD	D120114ALCD	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	114%	2%	
D120114ALCD	D120114ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	108%	0%	
D120114ALCD	D120114ALCD	ORG 91-20-3	Naphthalene	51		ug/L	5	0.56	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	102%	2%	
D120114ALCD	D120114ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	102%	0%	
D120114ALCD	D120114ALCD	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	2%	
D120114ALCD	D120114ALCD	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	92%	2%	
D120114ALCD	D120114ALCD	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	100%	2%	
D120114ALCD	D120114ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/1/2014	12/1/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5497	50	104%	0%	



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NAL13026-1763MS	T1-082	ORG 75-71-8	Dichlorodifluoromethane	200		ug/L	25	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	80%		
NAL13026-1763MS	T1-082	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	84%		
NAL13026-1763MS	T1-082	ORG 75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 74-83-9	Bromomethane	410		ug/L	25	2.50	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	164%		
NAL13026-1763MS	T1-082	ORG 75-00-3	Chloroethane	270		ug/L	25	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 75-69-4	Trichlorofluoromethane	1200		ug/L	25	0.98	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	480%		
NAL13026-1763MS	T1-082	ORG 75-35-4	1,1-Dichloroethene	190		ug/L	5	2.36	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	76%		
NAL13026-1763MS	T1-082	ORG 75-09-2	Methylene chloride	250		ug/L	25	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 67-64-1	Acetone	30000		ug/L	50	7.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	4000%		20000
NAL13026-1763MS	T1-082	ORG 156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 1634-04-4	MTBE	220		ug/L	25	3.06	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	88%		
NAL13026-1763MS	T1-082	ORG 75-34-3	1,1-Dichloroethane	250		ug/L	5	2.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 74-97-5	Bromochloromethane	250		ug/L	50	2.07	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 67-66-3	Chloroform	250		ug/L	10	0.79	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 71-55-6	1,1,1-Trichloroethane	270		ug/L	5	0.83	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 78-93-3	2-Butanone	10000		ug/L	5	4.06	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	1280%		6800
NAL13026-1763MS	T1-082	ORG 56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	112%		
NAL13026-1763MS	T1-082	ORG 71-43-2	Benzene	260		ug/L	5	0.68	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	103%		3.0
NAL13026-1763MS	T1-082	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	96%		
NAL13026-1763MS	T1-082	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 74-95-3	Dibromomethane	270		ug/L	10	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 78-87-5	1,2-Dichloropropane	270		ug/L	5	0.91	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 75-27-4	Bromodichloromethane	270		ug/L	10	0.58	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 108-88-3	Toluene	260		ug/L	5	1.05	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	103%		1.8
NAL13026-1763MS	T1-082	ORG 108-10-1	4-Methyl-2-pentanone	570		ug/L	25	3.70	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	92%		340
NAL13026-1763MS	T1-082	ORG 10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	76%		
NAL13026-1763MS	T1-082	ORG 79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		
NAL13026-1763MS	T1-082	ORG 124-48-1	Dibromochloromethane	240		ug/L	25	1.49	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	96%		
NAL13026-1763MS	T1-082	ORG 106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 591-78-6	2-Hexanone	250		ug/L	10	3.45	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	40%		150
NAL13026-1763MS	T1-082	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	118%		4.5
NAL13026-1763MS	T1-082	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	108%		
NAL13026-1763MS	T1-082	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	112%		
NAL13026-1763MS	T1-082	ORG XYLMP	p&m-Xylene	590		ug/L	10	1.31	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	500	116%		11
NAL13026-1763MS	T1-082	ORG 95-47-6	o-Xylene	330		ug/L	5	0.64	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	128%		10
NAL13026-1763MS	T1-082	ORG 100-42-5	Styrene	320		ug/L	5	1.01	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	127%		1.5
NAL13026-1763MS	T1-082	ORG 75-25-2	Bromoform	240		ug/L	10	2.34	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	96%		
NAL13026-1763MS	T1-082	ORG 98-82-8	Isopropylbenzene	300		ug/L	10	1.02	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	120%		
NAL13026-1763MS	T1-082	ORG 103-65-1	n-Propylbenzene	310		ug/L	10	1.35	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	124%		
NAL13026-1763MS	T1-082	ORG 79-34-5	1,1,2,2-Tetrachloroethane	280		ug/L	10	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	112%		

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NAL13026-1763MS	T1-082	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	104%		
NAL13026-1763MS	T1-082	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	115%		2.0
NAL13026-1763MS	T1-082	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	116%		
NAL13026-1763MS	T1-082	ORG 95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	111%		53
NAL13026-1763MS	T1-082	ORG 135-98-8	sec-Butylbenzene	300		ug/L	10	1.62	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	120%		
NAL13026-1763MS	T1-082	ORG 541-73-1	1,3-Dichlorobenzene	280		ug/L	10	1.11	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	112%		
NAL13026-1763MS	T1-082	ORG 99-87-6	p-Isopropyltoluene	480		ug/L	10	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	100%		230
NAL13026-1763MS	T1-082	ORG 106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	101%		98
NAL13026-1763MS	T1-082	ORG 95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	111%		1.8
NAL13026-1763MS	T1-082	ORG 104-51-8	n-Butylbenzene	310		ug/L	25	1.39	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	120%		9.0
NAL13026-1763MS	T1-082	ORG 96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	120%		
NAL13026-1763MS	T1-082	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	84%		
NAL13026-1763MS	T1-082	ORG 120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	107%		3.0
NAL13026-1763MS	T1-082	ORG 91-20-3	Naphthalene	530		ug/L	25	2.80	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	92%		300
NAL13026-1763MS	T1-082	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	250	91%		1.6
NAL13026-1763MS	T1-082	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	50	100%		
NAL13026-1763MS	T1-082	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	50	94%		
NAL13026-1763MS	T1-082	STD 2037-26-5	Toluene d8	48		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	50	96%		
NAL13026-1763MS	T1-082	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5498	50	106%		



Republic Services
12976 St. Charles Rock Rd.
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ATTN: Brian Power

FINAL ANALYTICAL REPORT

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1763MSD	T1-082	ORG 75-71-8	Dichlorodifluoromethane	210		ug/L	25	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	84%	5%	
NAL13026-1763MSD	T1-082	ORG 74-87-3	Chloromethane	230		ug/L	25	2.15	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	92%	9%	
NAL13026-1763MSD	T1-082	ORG 75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	100%	0%	
NAL13026-1763MSD	T1-082	ORG 74-83-9	Bromomethane	340		ug/L	25	2.50	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	136%	19%	
NAL13026-1763MSD	T1-082	ORG 75-00-3	Chloroethane	300		ug/L	25	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	120%	11%	
NAL13026-1763MSD	T1-082	ORG 75-69-4	Trichlorofluoromethane	1400		ug/L	25	0.98	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	560%	15%	
NAL13026-1763MSD	T1-082	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	31%	
NAL13026-1763MSD	T1-082	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	92%	8%	
NAL13026-1763MSD	T1-082	ORG 67-64-1	Acetone	27000		ug/L	50	7.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	2800%	11%	20000
NAL13026-1763MSD	T1-082	ORG 156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 1634-04-4	MTBE	210		ug/L	25	3.06	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	84%	5%	
NAL13026-1763MSD	T1-082	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	4%	
NAL13026-1763MSD	T1-082	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	4%	
NAL13026-1763MSD	T1-082	ORG 78-93-3	2-Butanone	9900		ug/L	5	4.06	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	1240%	1%	6800
NAL13026-1763MSD	T1-082	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	108%	4%	
NAL13026-1763MSD	T1-082	ORG 71-43-2	Benzene	250		ug/L	5	0.68	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	99%	4%	3.0
NAL13026-1763MSD	T1-082	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	92%	4%	
NAL13026-1763MSD	T1-082	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	100%	0%	
NAL13026-1763MSD	T1-082	ORG 74-95-3	Dibromomethane	250		ug/L	10	1.61	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	100%	8%	
NAL13026-1763MSD	T1-082	ORG 78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	4%	
NAL13026-1763MSD	T1-082	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	4%	
NAL13026-1763MSD	T1-082	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 108-88-3	Toluene	250		ug/L	5	1.05	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	99%	4%	1.8
NAL13026-1763MSD	T1-082	ORG 108-10-1	4-Methyl-2-pentanone	530		ug/L	25	3.70	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	76%	7%	340
NAL13026-1763MSD	T1-082	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	4%	
NAL13026-1763MSD	T1-082	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	76%	0%	
NAL13026-1763MSD	T1-082	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	92%	8%	
NAL13026-1763MSD	T1-082	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	92%	4%	
NAL13026-1763MSD	T1-082	ORG 106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	100%	8%	
NAL13026-1763MSD	T1-082	ORG 591-78-6	2-Hexanone	230		ug/L	10	3.45	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	32%	8%	150
NAL13026-1763MSD	T1-082	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	118%	0%	4.5
NAL13026-1763MSD	T1-082	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	108%	0%	
NAL13026-1763MSD	T1-082	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	112%	0%	
NAL13026-1763MSD	T1-082	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	500	114%	2%	11
NAL13026-1763MSD	T1-082	ORG 95-47-6	o-Xylene	320		ug/L	5	0.64	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	124%	3%	10
NAL13026-1763MSD	T1-082	ORG 100-42-5	Styrene	320		ug/L	5	1.01	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	127%	0%	1.5
NAL13026-1763MSD	T1-082	ORG 75-25-2	Bromoform	220		ug/L	10	2.34	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	88%	9%	
NAL13026-1763MSD	T1-082	ORG 98-82-8	Isopropylbenzene	300		ug/L	10	1.02	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	120%	0%	
NAL13026-1763MSD	T1-082	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	120%	3%	
NAL13026-1763MSD	T1-082	ORG 79-34-5	1,1,2,2-Tetrachloroethane	260		ug/L	10	1.46	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	104%	7%	



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FINAL ANALYTICAL REPORT

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NAL13026-1763MSD	T1-082	ORG 96-18-4	1,2,3-Trichloropropane	240		ug/L	10	1.47	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	8%	
NAL13026-1763MSD	T1-082	ORG 108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	115%	0%	2.0
NAL13026-1763MSD	T1-082	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	116%	0%	
NAL13026-1763MSD	T1-082	ORG 95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	111%	0%	53
NAL13026-1763MSD	T1-082	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	116%	3%	
NAL13026-1763MSD	T1-082	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	108%	4%	
NAL13026-1763MSD	T1-082	ORG 99-87-6	p-Isopropyltoluene	470		ug/L	10	1.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	96%	2%	230
NAL13026-1763MSD	T1-082	ORG 106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	101%	0%	98
NAL13026-1763MSD	T1-082	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	103%	7%	1.8
NAL13026-1763MSD	T1-082	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	116%	3%	9.0
NAL13026-1763MSD	T1-082	ORG 96-12-8	1,2-Dibromo-3-chloropropane	250		ug/L	25	7.96	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	100%	18%	
NAL13026-1763MSD	T1-082	ORG 87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	80%	5%	
NAL13026-1763MSD	T1-082	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	99%	8%	3.0
NAL13026-1763MSD	T1-082	ORG 91-20-3	Naphthalene	490		ug/L	25	2.80	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	76%	8%	300
NAL13026-1763MSD	T1-082	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	250	87%	4%	1.6
NAL13026-1763MSD	T1-082	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	50	100%	0%	
NAL13026-1763MSD	T1-082	STD 17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	50	90%	4%	
NAL13026-1763MSD	T1-082	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	50	98%	2%	
NAL13026-1763MSD	T1-082	STD 460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	12/1/2014	12/1/2014	12/1/2014	WG	5	NA	5.0	NA	SW8260B	NALD5499	50	108%	2%	

FINAL ANALYTICAL REPORT

Project #: NAL13-026
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NAL13026-1764	T1-083	ORG 75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 74-87-3	Chloromethane		U	ug/L	25	2.15	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 74-83-9	Bromomethane		U	ug/L	25	2.50	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-00-3	Chloroethane		U	ug/L	25	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-09-2	Methylene chloride		U	ug/L	25	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 67-64-1	Acetone	35000	DX-	ug/L	5000	778.04	12/2/2014	12/2/2014	12/2/2014	WG	500	NA	5.0	NA	SW8260B	NALD5504				
NAL13026-1764	T1-083	ORG 156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 1634-04-4	MTBE		U	ug/L	25	3.06	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 67-66-3	Chloroform		U	ug/L	5	0.79	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 78-93-3	2-Butanone	6000	D	ug/L	5000	405.90	12/2/2014	12/2/2014	12/2/2014	WG	500	NA	5.0	NA	SW8260B	NALD5504				
NAL13026-1764	T1-083	ORG 56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 71-43-2	Benzene		U	ug/L	5	0.68	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 79-01-6	Trichloroethene		U	ug/L	5	1.82	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 74-95-3	Dibromomethane		U	ug/L	10	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 108-88-3	Toluene		U	ug/L	5	1.05	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 108-10-1	4-Methyl-2-pentanone	280		ug/L	25	3.70	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 591-78-6	2-Hexanone	140	X-	ug/L	25	3.45	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 100-41-4	Ethylbenzene		U	ug/L	5	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG XYLMP	p&m-Xylene		U	ug/L	10	1.31	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 95-47-6	o-Xylene		UX+	ug/L	5	0.64	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 100-42-5	Styrene		U	ug/L	5	1.01	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 75-25-2	Bromoform		U	ug/L	10	2.34	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				



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NAL13026-1764	T1-083	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 99-87-6	p-Isopropyltoluene	11		ug/L	10	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 106-46-7	1,4-Dichlorobenzene	19		ug/L	10	1.65	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 104-51-8	n-Butylbenzene		U	ug/L	25	1.39	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 120-82-1	1,2,4-Trichlorobenzene	1.9	J	ug/L	25	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 91-20-3	Naphthalene	210		ug/L	25	2.80	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	25	1.16	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505				
NAL13026-1764	T1-083	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505	50	96%		
NAL13026-1764	T1-083	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505	50	96%		
NAL13026-1764	T1-083	STD 2037-26-5	Toluene d8	50		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505	50	100%		
NAL13026-1764	T1-083	STD 460-00-4	Bromofluorobenzene	57		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5505	50	114%		



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D120214CCVB	D120214CCVB	ORG 75-71-8	Dichlorodifluoromethane	38		ug/L	5	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	76%		
D120214CCVB	D120214CCVB	ORG 74-87-3	Chloromethane	42		ug/L	5	0.43	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	84%		
D120214CCVB	D120214CCVB	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	96%		
D120214CCVB	D120214CCVB	ORG 74-83-9	Bromomethane	74		ug/L	5	0.50	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	148%		
D120214CCVB	D120214CCVB	ORG 75-00-3	Chloroethane	54		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	108%		
D120214CCVB	D120214CCVB	ORG 75-69-4	Trichlorofluoromethane	309		ug/L	5	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	618%		
D120214CCVB	D120214CCVB	ORG 75-35-4	1,1-Dichloroethene	55		ug/L	1	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	110%		
D120214CCVB	D120214CCVB	ORG 75-09-2	Methylene chloride	48		ug/L	5	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	96%		
D120214CCVB	D120214CCVB	ORG 67-64-1	Acetone	39		ug/L	10	1.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	78%		
D120214CCVB	D120214CCVB	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	96%		
D120214CCVB	D120214CCVB	ORG 1634-04-4	MTBE	44		ug/L	5	0.61	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	88%		
D120214CCVB	D120214CCVB	ORG 75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	98%		
D120214CCVB	D120214CCVB	ORG 156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	106%		
D120214CCVB	D120214CCVB	ORG 74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	ORG 67-66-3	Chloroform	50		ug/L	2	0.16	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	106%		
D120214CCVB	D120214CCVB	ORG 78-93-3	2-Butanone	50		ug/L	1	0.81	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 56-23-5	Carbon tetrachloride	57		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	114%		
D120214CCVB	D120214CCVB	ORG 71-43-2	Benzene	50		ug/L	1	0.14	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	98%		
D120214CCVB	D120214CCVB	ORG 79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	ORG 74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	104%		
D120214CCVB	D120214CCVB	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	110%		
D120214CCVB	D120214CCVB	ORG 10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	ORG 108-88-3	Toluene	51		ug/L	1	0.21	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	ORG 108-10-1	4-Methyl-2-pentanone	47		ug/L	5	0.74	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	94%		
D120214CCVB	D120214CCVB	ORG 10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	82%		
D120214CCVB	D120214CCVB	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	98%		
D120214CCVB	D120214CCVB	ORG 124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	104%		
D120214CCVB	D120214CCVB	ORG 591-78-6	2-Hexanone	39		ug/L	2	0.69	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	78%		
D120214CCVB	D120214CCVB	ORG 100-41-4	Ethylbenzene	59		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	118%		
D120214CCVB	D120214CCVB	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	104%		
D120214CCVB	D120214CCVB	ORG 630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	112%		
D120214CCVB	D120214CCVB	ORG XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	100	113%		
D120214CCVB	D120214CCVB	ORG 95-47-6	o-Xylene	61		ug/L	1	0.13	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	122%		
D120214CCVB	D120214CCVB	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	120%		
D120214CCVB	D120214CCVB	ORG 75-25-2	Bromoform	47		ug/L	2	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	94%		
D120214CCVB	D120214CCVB	ORG 98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	114%		
D120214CCVB	D120214CCVB	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	116%		
D120214CCVB	D120214CCVB	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		



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FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D120214CCVB	D120214CCVB	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	98%		
D120214CCVB	D120214CCVB	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	110%		
D120214CCVB	D120214CCVB	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	114%		
D120214CCVB	D120214CCVB	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	108%		
D120214CCVB	D120214CCVB	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	114%		
D120214CCVB	D120214CCVB	ORG 541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	108%		
D120214CCVB	D120214CCVB	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	112%		
D120214CCVB	D120214CCVB	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	104%		
D120214CCVB	D120214CCVB	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	106%		
D120214CCVB	D120214CCVB	ORG 104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	118%		
D120214CCVB	D120214CCVB	ORG 96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	100%		
D120214CCVB	D120214CCVB	ORG 87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	116%		
D120214CCVB	D120214CCVB	ORG 120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	112%		
D120214CCVB	D120214CCVB	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	108%		
D120214CCVB	D120214CCVB	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	106%		
D120214CCVB	D120214CCVB	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		
D120214CCVB	D120214CCVB	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	92%		
D120214CCVB	D120214CCVB	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	98%		
D120214CCVB	D120214CCVB	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5502	50	102%		



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ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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D120214MBKA	D120214MBKA	ORG 75-71-8	Dichlorodifluoromethane	U		ug/L	5	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 74-87-3	Chloromethane	U		ug/L	5	0.43	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-01-4	Vinyl chloride	U		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 74-83-9	Bromomethane	U		ug/L	5	0.50	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-00-3	Chloroethane	U		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-69-4	Trichlorofluoromethane	U		ug/L	5	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-35-4	1,1-Dichloroethene	U		ug/L	1	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-09-2	Methylene chloride	U		ug/L	5	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 67-64-1	Acetone	U		ug/L	10	1.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 156-60-5	trans-1,2-Dichloroethene	U		ug/L	1	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 1634-04-4	MTBE	U		ug/L	5	0.61	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-34-3	1,1-Dichloroethane	U		ug/L	1	0.53	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 156-59-2	cis-1,2-Dichloroethene	U		ug/L	1	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 74-97-5	Bromochloromethane	U		ug/L	10	0.41	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 67-66-3	Chloroform	U		ug/L	2	0.16	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 71-55-6	1,1,1-Trichloroethane	U		ug/L	1	0.17	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 78-93-3	2-Butanone	U		ug/L	1	0.81	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 56-23-5	Carbon tetrachloride	U		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 71-43-2	Benzene	U		ug/L	1	0.14	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 107-06-2	1,2-Dichloroethane	U		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 79-01-6	Trichloroethene	U		ug/L	1	0.36	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 74-95-3	Dibromomethane	U		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 78-87-5	1,2-Dichloropropane	U		ug/L	1	0.18	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-27-4	Bromodichloromethane	U		ug/L	2	0.12	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 10061-01-5	cis-1,3-Dichloropropene	U		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 108-88-3	Toluene	U		ug/L	1	0.21	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 108-10-1	4-Methyl-2-pentanone	U		ug/L	5	0.74	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 10061-02-6	trans-1,3-Dichloropropene	U		ug/L	1	0.31	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 127-18-4	Tetrachloroethene	U		ug/L	1	0.49	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 79-00-5	1,1,2-Trichloroethane	U		ug/L	1	0.34	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 124-48-1	Dibromochloromethane	U		ug/L	5	0.30	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 106-93-4	1,2-Dibromoethane	U		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 591-78-6	2-Hexanone	U		ug/L	2	0.69	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 100-41-4	Ethylbenzene	U		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 108-90-7	Chlorobenzene	U		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 630-20-6	1,1,1,2-Tetrachloroethane	U		ug/L	2	0.19	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG XYLMP	p&m-Xylene	U		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 95-47-6	o-Xylene	U		ug/L	1	0.13	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 100-42-5	Styrene	U		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 75-25-2	Bromoform	U		ug/L	2	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 98-82-8	Isopropylbenzene	U		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 103-65-1	n-Propylbenzene	U		ug/L	2	0.27	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 79-34-5	1,1,2,2-Tetrachloroethane	U		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D120214MBKA	D120214MBKA	ORG 96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 99-87-6	p-Isopropyltoluene		U	ug/L	2	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	ORG 87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503				
D120214MBKA	D120214MBKA	STD 1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503	50	96%		
D120214MBKA	D120214MBKA	STD 17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503	50	102%		
D120214MBKA	D120214MBKA	STD 2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503	50	104%		
D120214MBKA	D120214MBKA	STD 460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5503	50	106%		

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D120214ALCS	D120214ALCS	ORG 75-71-8	Dichlorodifluoromethane	40		ug/L	5	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	80%		
D120214ALCS	D120214ALCS	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	82%		
D120214ALCS	D120214ALCS	ORG 75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	96%		
D120214ALCS	D120214ALCS	ORG 74-83-9	Bromomethane	76		ug/L	5	0.50	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	152%		
D120214ALCS	D120214ALCS	ORG 75-00-3	Chloroethane	59		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	118%		
D120214ALCS	D120214ALCS	ORG 75-69-4	Trichlorofluoromethane	274		ug/L	5	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	548%		
D120214ALCS	D120214ALCS	ORG 75-35-4	1,1-Dichloroethene	57		ug/L	1	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	114%		
D120214ALCS	D120214ALCS	ORG 75-09-2	Methylene chloride	28		ug/L	5	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	56%		
D120214ALCS	D120214ALCS	ORG 67-64-1	Acetone	21		ug/L	10	1.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	42%		
D120214ALCS	D120214ALCS	ORG 156-60-5	trans-1,2-Dichloroethene	31		ug/L	1	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	62%		
D120214ALCS	D120214ALCS	ORG 1634-04-4	MTBE	31		ug/L	5	0.61	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	62%		
D120214ALCS	D120214ALCS	ORG 75-34-3	1,1-Dichloroethane	51		ug/L	1	0.53	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	102%		
D120214ALCS	D120214ALCS	ORG 156-59-2	cis-1,2-Dichloroethene	54		ug/L	1	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	ORG 74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	104%		
D120214ALCS	D120214ALCS	ORG 67-66-3	Chloroform	51		ug/L	2	0.16	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	102%		
D120214ALCS	D120214ALCS	ORG 71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	106%		
D120214ALCS	D120214ALCS	ORG 78-93-3	2-Butanone	60		ug/L	1	0.81	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	120%		
D120214ALCS	D120214ALCS	ORG 56-23-5	Carbon tetrachloride	58		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	116%		
D120214ALCS	D120214ALCS	ORG 71-43-2	Benzene	51		ug/L	1	0.14	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	102%		
D120214ALCS	D120214ALCS	ORG 107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	ORG 79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	104%		
D120214ALCS	D120214ALCS	ORG 74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	100%		
D120214ALCS	D120214ALCS	ORG 78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	104%		
D120214ALCS	D120214ALCS	ORG 75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	110%		
D120214ALCS	D120214ALCS	ORG 10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	100%		
D120214ALCS	D120214ALCS	ORG 108-88-3	Toluene	52		ug/L	1	0.21	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	104%		
D120214ALCS	D120214ALCS	ORG 108-10-1	4-Methyl-2-pentanone	48		ug/L	5	0.74	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	96%		
D120214ALCS	D120214ALCS	ORG 10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	78%		
D120214ALCS	D120214ALCS	ORG 79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	ORG 124-48-1	Dibromochloromethane	49		ug/L	5	0.30	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	ORG 106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	104%		
D120214ALCS	D120214ALCS	ORG 591-78-6	2-Hexanone	42		ug/L	2	0.69	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	84%		
D120214ALCS	D120214ALCS	ORG 100-41-4	Ethylbenzene	61		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	122%		
D120214ALCS	D120214ALCS	ORG 108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	ORG 630-20-6	1,1,1,2-Tetrachloroethane	58		ug/L	2	0.19	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	116%		
D120214ALCS	D120214ALCS	ORG XYLMP	p&m-Xylene	117		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	100	117%		
D120214ALCS	D120214ALCS	ORG 95-47-6	o-Xylene	62		ug/L	1	0.13	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	124%		
D120214ALCS	D120214ALCS	ORG 100-42-5	Styrene	61		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	122%		
D120214ALCS	D120214ALCS	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	92%		
D120214ALCS	D120214ALCS	ORG 98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	118%		
D120214ALCS	D120214ALCS	ORG 103-65-1	n-Propylbenzene	60		ug/L	2	0.27	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	120%		
D120214ALCS	D120214ALCS	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	100%		

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D120214ALCS	D120214ALCS	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	ORG 108-67-8	1,3,5-Trimethylbenzene	57		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	114%		
D120214ALCS	D120214ALCS	ORG 98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	118%		
D120214ALCS	D120214ALCS	ORG 95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	112%		
D120214ALCS	D120214ALCS	ORG 135-98-8	sec-Butylbenzene	59		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	118%		
D120214ALCS	D120214ALCS	ORG 541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	110%		
D120214ALCS	D120214ALCS	ORG 99-87-6	p-Isopropyltoluene	58		ug/L	2	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	116%		
D120214ALCS	D120214ALCS	ORG 106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	ORG 95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	ORG 104-51-8	n-Butylbenzene	61		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	122%		
D120214ALCS	D120214ALCS	ORG 96-12-8	1,2-Dibromo-3-chloropropane	47		ug/L	5	1.59	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	94%		
D120214ALCS	D120214ALCS	ORG 87-68-3	Hexachlorobutadiene	60		ug/L	5	0.65	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	120%		
D120214ALCS	D120214ALCS	ORG 120-82-1	1,2,4-Trichlorobenzene	57		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	114%		
D120214ALCS	D120214ALCS	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	ORG 87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	108%		
D120214ALCS	D120214ALCS	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	102%		
D120214ALCS	D120214ALCS	STD 17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	96%		
D120214ALCS	D120214ALCS	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	98%		
D120214ALCS	D120214ALCS	STD 460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5507	50	102%		



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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
D120214ALCD	D120214ALCD	ORG 75-71-8	Dichlorodifluoromethane	38		ug/L	5	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	76%	5%	
D120214ALCD	D120214ALCD	ORG 74-87-3	Chloromethane	41		ug/L	5	0.43	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	82%	0%	
D120214ALCD	D120214ALCD	ORG 75-01-4	Vinyl chloride	47		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	94%	2%	
D120214ALCD	D120214ALCD	ORG 74-83-9	Bromomethane	63		ug/L	5	0.50	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	126%	19%	
D120214ALCD	D120214ALCD	ORG 75-00-3	Chloroethane	57		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	114%	3%	
D120214ALCD	D120214ALCD	ORG 75-69-4	Trichlorofluoromethane	208		ug/L	5	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	416%	27%	
D120214ALCD	D120214ALCD	ORG 75-35-4	1,1-Dichloroethene	54		ug/L	1	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	108%	5%	
D120214ALCD	D120214ALCD	ORG 75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	92%	49%	
D120214ALCD	D120214ALCD	ORG 67-64-1	Acetone	40		ug/L	10	1.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	80%	62%	
D120214ALCD	D120214ALCD	ORG 156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	43%	
D120214ALCD	D120214ALCD	ORG 1634-04-4	MTBE	43		ug/L	5	0.61	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	86%	32%	
D120214ALCD	D120214ALCD	ORG 75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	6%	
D120214ALCD	D120214ALCD	ORG 156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	102%	6%	
D120214ALCD	D120214ALCD	ORG 74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	6%	
D120214ALCD	D120214ALCD	ORG 67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	4%	
D120214ALCD	D120214ALCD	ORG 71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	104%	2%	
D120214ALCD	D120214ALCD	ORG 78-93-3	2-Butanone	51		ug/L	1	0.81	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	102%	16%	
D120214ALCD	D120214ALCD	ORG 56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	112%	4%	
D120214ALCD	D120214ALCD	ORG 71-43-2	Benzene	49		ug/L	1	0.14	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	4%	
D120214ALCD	D120214ALCD	ORG 107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	2%	
D120214ALCD	D120214ALCD	ORG 79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	100%	4%	
D120214ALCD	D120214ALCD	ORG 74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	2%	
D120214ALCD	D120214ALCD	ORG 78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	102%	2%	
D120214ALCD	D120214ALCD	ORG 75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	106%	4%	
D120214ALCD	D120214ALCD	ORG 10061-01-5	cis-1,3-Dichloropropene	48		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	4%	
D120214ALCD	D120214ALCD	ORG 108-88-3	Toluene	50		ug/L	1	0.21	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	100%	4%	
D120214ALCD	D120214ALCD	ORG 108-10-1	4-Methyl-2-pentanone	48		ug/L	5	0.74	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	0%	
D120214ALCD	D120214ALCD	ORG 10061-02-6	trans-1,3-Dichloropropene	48		ug/L	1	0.31	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	2%	
D120214ALCD	D120214ALCD	ORG 127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	78%	0%	
D120214ALCD	D120214ALCD	ORG 79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	2%	
D120214ALCD	D120214ALCD	ORG 124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	2%	
D120214ALCD	D120214ALCD	ORG 106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	102%	2%	
D120214ALCD	D120214ALCD	ORG 591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	88%	5%	
D120214ALCD	D120214ALCD	ORG 100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	116%	5%	
D120214ALCD	D120214ALCD	ORG 108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	104%	4%	
D120214ALCD	D120214ALCD	ORG 630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	110%	5%	
D120214ALCD	D120214ALCD	ORG XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	100	113%	3%	
D120214ALCD	D120214ALCD	ORG 95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	120%	3%	
D120214ALCD	D120214ALCD	ORG 100-42-5	Styrene	60		ug/L	1	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	120%	2%	
D120214ALCD	D120214ALCD	ORG 75-25-2	Bromoform	46		ug/L	2	0.47	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	92%	0%	
D120214ALCD	D120214ALCD	ORG 98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	112%	5%	
D120214ALCD	D120214ALCD	ORG 103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	116%	3%	
D120214ALCD	D120214ALCD	ORG 79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	100%	0%	



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D120214ALCD	D120214ALCD	ORG 96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	0%	
D120214ALCD	D120214ALCD	ORG 108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	110%	4%	
D120214ALCD	D120214ALCD	ORG 98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	114%	3%	
D120214ALCD	D120214ALCD	ORG 95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	108%	4%	
D120214ALCD	D120214ALCD	ORG 135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	114%	3%	
D120214ALCD	D120214ALCD	ORG 541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	106%	4%	
D120214ALCD	D120214ALCD	ORG 99-87-6	p-Isopropyltoluene	56		ug/L	2	0.25	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	112%	4%	
D120214ALCD	D120214ALCD	ORG 106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	104%	4%	
D120214ALCD	D120214ALCD	ORG 95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	106%	2%	
D120214ALCD	D120214ALCD	ORG 104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	116%	5%	
D120214ALCD	D120214ALCD	ORG 96-12-8	1,2-Dibromo-3-chloropropane	48		ug/L	5	1.59	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	96%	2%	
D120214ALCD	D120214ALCD	ORG 87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	114%	5%	
D120214ALCD	D120214ALCD	ORG 120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	108%	5%	
D120214ALCD	D120214ALCD	ORG 91-20-3	Naphthalene	54		ug/L	5	0.56	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	108%	0%	
D120214ALCD	D120214ALCD	ORG 87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	106%	2%	
D120214ALCD	D120214ALCD	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	102%	0%	
D120214ALCD	D120214ALCD	STD 17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	94%	2%	
D120214ALCD	D120214ALCD	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	98%	0%	
D120214ALCD	D120214ALCD	STD 460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/2/2014	12/2/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5508	50	104%	2%	



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NAL13026-1764MS	T1-083	ORG 75-71-8	Dichlorodifluoromethane	190		ug/L	25	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	76%		
NAL13026-1764MS	T1-083	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	84%		
NAL13026-1764MS	T1-083	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 74-83-9	Bromomethane	320		ug/L	25	2.50	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	128%		
NAL13026-1764MS	T1-083	ORG 75-00-3	Chloroethane	280		ug/L	25	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		
NAL13026-1764MS	T1-083	ORG 75-69-4	Trichlorofluoromethane	1100		ug/L	25	0.98	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	440%		
NAL13026-1764MS	T1-083	ORG 75-35-4	1,1-Dichloroethene	270		ug/L	5	2.36	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	108%		
NAL13026-1764MS	T1-083	ORG 75-09-2	Methylene chloride	230		ug/L	25	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		
NAL13026-1764MS	T1-083	ORG 67-64-1	Acetone	29000		ug/L	50	7.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	-2400%		35000
NAL13026-1764MS	T1-083	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		
NAL13026-1764MS	T1-083	ORG 1634-04-4	MTBE	210		ug/L	25	3.06	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	84%		
NAL13026-1764MS	T1-083	ORG 75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		
NAL13026-1764MS	T1-083	ORG 74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		
NAL13026-1764MS	T1-083	ORG 78-93-3	2-Butanone	11000		ug/L	5	4.06	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	2000%		6000
NAL13026-1764MS	T1-083	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	108%		
NAL13026-1764MS	T1-083	ORG 71-43-2	Benzene	240		ug/L	5	0.68	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 79-01-6	Trichloroethene	250		ug/L	5	1.82	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	100%		
NAL13026-1764MS	T1-083	ORG 74-95-3	Dibromomethane	250		ug/L	10	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	100%		
NAL13026-1764MS	T1-083	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	100%		
NAL13026-1764MS	T1-083	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		
NAL13026-1764MS	T1-083	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 108-88-3	Toluene	250		ug/L	5	1.05	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	100%		
NAL13026-1764MS	T1-083	ORG 108-10-1	4-Methyl-2-pentanone	510		ug/L	25	3.70	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		280
NAL13026-1764MS	T1-083	ORG 10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	76%		
NAL13026-1764MS	T1-083	ORG 79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	96%		
NAL13026-1764MS	T1-083	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		
NAL13026-1764MS	T1-083	ORG 106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		
NAL13026-1764MS	T1-083	ORG 591-78-6	2-Hexanone	230		ug/L	10	3.45	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	36%		140
NAL13026-1764MS	T1-083	ORG 100-41-4	Ethylbenzene	300		ug/L	5	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	120%		
NAL13026-1764MS	T1-083	ORG 108-90-7	Chlorobenzene	270		ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	108%		
NAL13026-1764MS	T1-083	ORG 630-20-6	1,1,1,2-Tetrachloroethane	280		ug/L	10	0.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		
NAL13026-1764MS	T1-083	ORG XYLMP	p&m-Xylene	580		ug/L	10	1.31	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	500	116%		
NAL13026-1764MS	T1-083	ORG 95-47-6	o-Xylene	300		ug/L	5	0.64	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	120%		
NAL13026-1764MS	T1-083	ORG 100-42-5	Styrene	320		ug/L	5	1.01	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	128%		
NAL13026-1764MS	T1-083	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		
NAL13026-1764MS	T1-083	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	116%		
NAL13026-1764MS	T1-083	ORG 103-65-1	n-Propylbenzene	300		ug/L	10	1.35	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	120%		
NAL13026-1764MS	T1-083	ORG 79-34-5	1,1,2,2-Tetrachloroethane	280		ug/L	10	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		

FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

- B** = Analyte is found in the associated blank as well as in the sample.
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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1764MS	T1-083	ORG 96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		
NAL13026-1764MS	T1-083	ORG 108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		
NAL13026-1764MS	T1-083	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	116%		
NAL13026-1764MS	T1-083	ORG 95-63-6	1,2,4-Trimethylbenzene	280		ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		
NAL13026-1764MS	T1-083	ORG 135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	116%		
NAL13026-1764MS	T1-083	ORG 541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	108%		
NAL13026-1764MS	T1-083	ORG 99-87-6	p-Isopropyltoluene	300		ug/L	10	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	116%		11
NAL13026-1764MS	T1-083	ORG 106-46-7	1,4-Dichlorobenzene	280		ug/L	10	1.65	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	104%		19
NAL13026-1764MS	T1-083	ORG 95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	108%		
NAL13026-1764MS	T1-083	ORG 104-51-8	n-Butylbenzene	300		ug/L	25	1.39	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	120%		
NAL13026-1764MS	T1-083	ORG 96-12-8	1,2-Dibromo-3-chloropropane	280		ug/L	25	7.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	112%		1.9
NAL13026-1764MS	T1-083	ORG 87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	88%		
NAL13026-1764MS	T1-083	ORG 120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	103%		1.9
NAL13026-1764MS	T1-083	ORG 91-20-3	Naphthalene	460		ug/L	25	2.80	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	100%		210
NAL13026-1764MS	T1-083	ORG 87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	250	92%		
NAL13026-1764MS	T1-083	STD 1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	50	102%		
NAL13026-1764MS	T1-083	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	50	92%		
NAL13026-1764MS	T1-083	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	50	98%		
NAL13026-1764MS	T1-083	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5509	50	110%		

FINAL ANALYTICAL REPORT

Republic Services
12976 St. Charles Rock Rd.
Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1764MSD	T1-083	ORG 75-71-8	Dichlorodifluoromethane	180		ug/L	25	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	72%	5%	
NAL13026-1764MSD	T1-083	ORG 74-87-3	Chloromethane	210		ug/L	25	2.15	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	84%	0%	
NAL13026-1764MSD	T1-083	ORG 75-01-4	Vinyl chloride	240		ug/L	10	1.59	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	0%	
NAL13026-1764MSD	T1-083	ORG 74-83-9	Bromomethane	310		ug/L	25	2.50	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	124%	3%	
NAL13026-1764MSD	T1-083	ORG 75-00-3	Chloroethane	270		ug/L	25	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	4%	
NAL13026-1764MSD	T1-083	ORG 75-69-4	Trichlorofluoromethane	960		ug/L	25	0.98	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	384%	14%	
NAL13026-1764MSD	T1-083	ORG 75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	4%	
NAL13026-1764MSD	T1-083	ORG 75-09-2	Methylene chloride	220		ug/L	25	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	88%	4%	
NAL13026-1764MSD	T1-083	ORG 67-64-1	Acetone	28000		ug/L	50	7.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	-2800%	4%	35000
NAL13026-1764MSD	T1-083	ORG 156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	0%	
NAL13026-1764MSD	T1-083	ORG 1634-04-4	MTBE	220		ug/L	25	3.06	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	88%	5%	
NAL13026-1764MSD	T1-083	ORG 75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	4%	
NAL13026-1764MSD	T1-083	ORG 156-59-2	cis-1,2-Dichloroethene	250		ug/L	5	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	4%	
NAL13026-1764MSD	T1-083	ORG 74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	4%	
NAL13026-1764MSD	T1-083	ORG 67-66-3	Chloroform	240		ug/L	10	0.79	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	0%	
NAL13026-1764MSD	T1-083	ORG 71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	4%	
NAL13026-1764MSD	T1-083	ORG 78-93-3	2-Butanone	10000		ug/L	5	4.06	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	1600%	10%	6000
NAL13026-1764MSD	T1-083	ORG 56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	0%	
NAL13026-1764MSD	T1-083	ORG 71-43-2	Benzene	240		ug/L	5	0.68	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	0%	
NAL13026-1764MSD	T1-083	ORG 107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	4%	
NAL13026-1764MSD	T1-083	ORG 79-01-6	Trichloroethene	240		ug/L	5	1.82	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	4%	
NAL13026-1764MSD	T1-083	ORG 74-95-3	Dibromomethane	250		ug/L	10	1.61	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	0%	
NAL13026-1764MSD	T1-083	ORG 78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	0%	
NAL13026-1764MSD	T1-083	ORG 75-27-4	Bromodichloromethane	260		ug/L	10	0.58	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	0%	
NAL13026-1764MSD	T1-083	ORG 10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	0%	
NAL13026-1764MSD	T1-083	ORG 108-88-3	Toluene	240		ug/L	5	1.05	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	4%	
NAL13026-1764MSD	T1-083	ORG 108-10-1	4-Methyl-2-pentanone	500		ug/L	25	3.70	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	88%	2%	280
NAL13026-1764MSD	T1-083	ORG 10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	4%	
NAL13026-1764MSD	T1-083	ORG 127-18-4	Tetrachloroethene	190		ug/L	5	2.43	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	76%	0%	
NAL13026-1764MSD	T1-083	ORG 79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	4%	
NAL13026-1764MSD	T1-083	ORG 124-48-1	Dibromochloromethane	230		ug/L	25	1.49	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	0%	
NAL13026-1764MSD	T1-083	ORG 106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	4%	
NAL13026-1764MSD	T1-083	ORG 591-78-6	2-Hexanone	210		ug/L	10	3.45	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	28%	9%	140
NAL13026-1764MSD	T1-083	ORG 100-41-4	Ethylbenzene	290		ug/L	5	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	116%	3%	
NAL13026-1764MSD	T1-083	ORG 108-90-7	Chlorobenzene	260		ug/L	5	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	4%	
NAL13026-1764MSD	T1-083	ORG 630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	4%	
NAL13026-1764MSD	T1-083	ORG XYLMP	p&m-Xylene	560		ug/L	10	1.31	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	500	112%	4%	
NAL13026-1764MSD	T1-083	ORG 95-47-6	o-Xylene	310		ug/L	5	0.64	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	124%	3%	
NAL13026-1764MSD	T1-083	ORG 100-42-5	Styrene	310		ug/L	5	1.01	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	124%	3%	
NAL13026-1764MSD	T1-083	ORG 75-25-2	Bromoform	230		ug/L	10	2.34	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	92%	0%	
NAL13026-1764MSD	T1-083	ORG 98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	116%	0%	
NAL13026-1764MSD	T1-083	ORG 103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	116%	3%	
NAL13026-1764MSD	T1-083	ORG 79-34-5	1,1,2,2-Tetrachloroethane	270		ug/L	10	1.46	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	4%	



FINAL ANALYTICAL REPORT

Republic Services
 12976 St. Charles Rock Rd.
 Bridgeton, MO 63044
 ATTN: Brian Power

Project #: NAL13-026
 Project Site: Bridgeton Landfill

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President.

- B** = Analyte is found in the associated blank as well as in the sample.
- D** = Compound identified in an analysis at a secondary dilution factor.
- E** = Compound's concentration exceeds the calibration range of the instrument at this dilution.
- X** = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
- J** = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
- M** = Matrix assessment, QC analyses parameter exceeded control limits.
- U** = Non-detect

Lab ID:	Sample ID:	CAS #	ANALYTES	Results	QC	Units	RDL	MDL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Weight(g)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL13026-1764MSD	T1-083	ORG 96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	4%	
NAL13026-1764MSD	T1-083	ORG 108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	4%	
NAL13026-1764MSD	T1-083	ORG 98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	116%	0%	
NAL13026-1764MSD	T1-083	ORG 95-63-6	1,2,4-Trimethylbenzene	270		ug/L	10	1.00	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	108%	4%	
NAL13026-1764MSD	T1-083	ORG 135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	112%	4%	
NAL13026-1764MSD	T1-083	ORG 541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	4%	
NAL13026-1764MSD	T1-083	ORG 99-87-6	p-Isopropyltoluene	290		ug/L	10	1.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	112%	3%	11
NAL13026-1764MSD	T1-083	ORG 106-46-7	1,4-Dichlorobenzene	270		ug/L	10	1.65	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	100%	4%	19
NAL13026-1764MSD	T1-083	ORG 95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	4%	
NAL13026-1764MSD	T1-083	ORG 104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	116%	3%	
NAL13026-1764MSD	T1-083	ORG 96-12-8	1,2-Dibromo-3-chloropropane	260		ug/L	25	7.96	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	104%	7%	
NAL13026-1764MSD	T1-083	ORG 87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	84%	5%	
NAL13026-1764MSD	T1-083	ORG 120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	99%	4%	1.9
NAL13026-1764MSD	T1-083	ORG 91-20-3	Naphthalene	450		ug/L	25	2.80	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	96%	2%	210
NAL13026-1764MSD	T1-083	ORG 87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	250	88%	4%	
NAL13026-1764MSD	T1-083	STD 1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	50	100%	2%	
NAL13026-1764MSD	T1-083	STD 17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	50	92%	0%	
NAL13026-1764MSD	T1-083	STD 2037-26-5	Toluene d8	49		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	50	98%	0%	
NAL13026-1764MSD	T1-083	STD 460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/2/2014	12/2/2014	12/2/2014	WG	5	NA	5.0	NA	SW8260B	NALD5510	50	110%	0%	

December 08, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

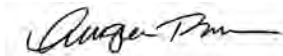
RE: Project: BRIDGETON LF T1-080
Pace Project No.: 60183520

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on December 01, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183520001	T1-080	Water	11/29/14 17:26	12/01/14 13:50
60183520002	TRIP BLANK	Water	11/29/14 17:26	12/01/14 13:50

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183520001	T1-080	EPA 200.7	TDS	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	AJM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183520002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Sample: T1-080	Lab ID: 60183520001	Collected: 11/29/14 17:26	Received: 12/01/14 13:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total								
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum	19200 ug/L		375	1	12/03/14 12:20	12/05/14 11:48	7429-90-5	
Antimony	ND ug/L		50.0	1	12/03/14 12:20	12/05/14 11:48	7440-36-0	
Arsenic	674 ug/L		50.0	1	12/03/14 12:20	12/05/14 11:48	7440-38-2	
Beryllium	ND ug/L		5.0	1	12/03/14 12:20	12/05/14 11:48	7440-41-7	
Cadmium	ND ug/L		25.0	1	12/03/14 12:20	12/05/14 11:48	7440-43-9	
Chromium	199 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:48	7440-47-3	
Cobalt	32.4 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:48	7440-48-4	
Copper	ND ug/L		50.0	1	12/03/14 12:20	12/05/14 11:48	7440-50-8	
Iron	634000 ug/L		250	1	12/03/14 12:20	12/05/14 11:48	7439-89-6	
Lead	70.7 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:48	7439-92-1	
Nickel	87.0 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:48	7440-02-0	
Selenium	ND ug/L		75.0	1	12/03/14 12:20	12/05/14 11:48	7782-49-2	
Silver	ND ug/L		35.0	1	12/03/14 12:20	12/05/14 11:48	7440-22-4	
Thallium	ND ug/L		100	1	12/03/14 12:20	12/05/14 11:48	7440-28-0	
Zinc	5090 ug/L		250	1	12/03/14 12:20	12/05/14 11:48	7440-66-6	
200.7 Metals, Dissolved (LF)								
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7								
Aluminum, Dissolved	486 ug/L		375	1	12/03/14 16:05	12/04/14 13:45	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:45	7440-36-0	
Arsenic, Dissolved	418 ug/L		50.0	1	12/03/14 16:05	12/04/14 13:45	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	12/03/14 16:05	12/04/14 13:45	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:45	7440-43-9	
Chromium, Dissolved	94.5 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:45	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:45	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:45	7440-50-8	
Iron, Dissolved	112000 ug/L		250	1	12/03/14 16:05	12/04/14 13:45	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:45	7439-92-1	
Nickel, Dissolved	58.5 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:45	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	12/03/14 16:05	12/04/14 13:45	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	12/03/14 16:05	12/04/14 13:45	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	12/03/14 16:05	12/04/14 13:45	7440-28-0	
Zinc, Dissolved	256 ug/L		250	1	12/03/14 16:05	12/04/14 13:45	7440-66-6	
245.1 Mercury								
Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury	ND ug/L		6.0	1	12/02/14 14:00	12/03/14 09:39	7439-97-6	
245.1 Mercury, Dissolved (LF)								
Analytical Method: EPA 245.1 Preparation Method: EPA 245.1								
Mercury, Dissolved	ND ug/L		0.60	1	12/04/14 08:30	12/04/14 13:09	7439-97-6	
625 MSSV								
Analytical Method: EPA 625 Preparation Method: EPA 625								
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	12/03/14 00:00	12/04/14 19:28	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	77-47-4	
Hexachloroethane	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	12/03/14 00:00	12/04/14 19:28	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND ug/L		2000	1	12/03/14 00:00	12/04/14 19:28		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Sample: T1-080	Lab ID: 60183520001	Collected: 11/29/14 17:26	Received: 12/01/14 13:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
Naphthalene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	91-20-3	
Nitrobenzene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	98-95-3	
Pentachlorophenol	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	87-86-5	
Phenol	3740 ug/L		500	1	12/03/14 00:00	12/04/14 19:28	108-95-2	
1,2,4-Trichlorobenzene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	120-82-1	
2,4,6-Trichlorophenol	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	103 %		33-120	1	12/03/14 00:00	12/04/14 19:28	4165-60-0	
2-Fluorobiphenyl (S)	87 %		39-120	1	12/03/14 00:00	12/04/14 19:28	321-60-8	
Terphenyl-d14 (S)	91 %		45-120	1	12/03/14 00:00	12/04/14 19:28	1718-51-0	
Phenol-d6 (S)	34 %		11-120	1	12/03/14 00:00	12/04/14 19:28	13127-88-3	
2-Fluorophenol (S)	54 %		17-120	1	12/03/14 00:00	12/04/14 19:28	367-12-4	
2,4,6-Tribromophenol (S)	87 %		39-120	1	12/03/14 00:00	12/04/14 19:28	118-79-6	
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	40100 ug/L		1000	100		12/04/14 13:56	67-64-1	N2
Benzene	ND ug/L		100	100		12/04/14 13:56	71-43-2	
Bromodichloromethane	ND ug/L		100	100		12/04/14 13:56	75-27-4	
Bromoform	ND ug/L		100	100		12/04/14 13:56	75-25-2	
Bromomethane	ND ug/L		500	100		12/04/14 13:56	74-83-9	
2-Butanone (MEK)	15000 ug/L		1000	100		12/04/14 13:56	78-93-3	N2
Carbon tetrachloride	ND ug/L		100	100		12/04/14 13:56	56-23-5	
Chloroethane	ND ug/L		100	100		12/04/14 13:56	75-00-3	
Chloroform	ND ug/L		100	100		12/04/14 13:56	67-66-3	
1,4-Dichlorobenzene	ND ug/L		100	100		12/04/14 13:56	106-46-7	
1,2-Dichloroethane	ND ug/L		100	100		12/04/14 13:56	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		100	100		12/04/14 13:56	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		100	100		12/04/14 13:56	156-60-5	
Ethylbenzene	ND ug/L		100	100		12/04/14 13:56	100-41-4	
Methylene chloride	ND ug/L		100	100		12/04/14 13:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		1000	100		12/04/14 13:56	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		100	100		12/04/14 13:56	79-34-5	N2
Tetrachloroethene	ND ug/L		100	100		12/04/14 13:56	127-18-4	
Toluene	ND ug/L		100	100		12/04/14 13:56	108-88-3	
1,1,1-Trichloroethane	ND ug/L		100	100		12/04/14 13:56	71-55-6	
1,1,2-Trichloroethane	ND ug/L		100	100		12/04/14 13:56	79-00-5	
Trichloroethene	ND ug/L		100	100		12/04/14 13:56	79-01-6	
Vinyl chloride	ND ug/L		100	100		12/04/14 13:56	75-01-4	
Xylene (Total)	ND ug/L		300	100		12/04/14 13:56	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	102 %		80-120	100		12/04/14 13:56	460-00-4	
Toluene-d8 (S)	97 %		80-120	100		12/04/14 13:56	2037-26-5	
1,2-Dichloroethane-d4 (S)	100 %		80-120	100		12/04/14 13:56	17060-07-0	
Preservation pH	7.0		1.0	100		12/04/14 13:56		
HEM, Oil and Grease		Analytical Method: EPA 1664A						
Oil and Grease	239 mg/L		5.0	1		12/01/14 15:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Sample: T1-080		Lab ID: 60183520001	Collected: 11/29/14 17:26	Received: 12/01/14 13:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	10700	mg/L	5.0	1		12/03/14 17:38		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.6	Std. Units	0.10	1		12/02/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	9900	mg/L	2.0	1	12/01/14 16:56	12/06/14 14:44		L2
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	89.7	mg/L	10.0	100		12/02/14 19:29	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	25400	mg/L	2500	250		12/08/14 14:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Sample: TRIP BLANK		Lab ID: 60183520002	Collected: 11/29/14 17:26	Received: 12/01/14 13:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		12/04/14 15:21	67-64-1	N2
Benzene	ND ug/L		1.0	1		12/04/14 15:21	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		12/04/14 15:21	75-27-4	
Bromoform	ND ug/L		1.0	1		12/04/14 15:21	75-25-2	
Bromomethane	ND ug/L		5.0	1		12/04/14 15:21	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		12/04/14 15:21	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		12/04/14 15:21	56-23-5	
Chloroethane	ND ug/L		1.0	1		12/04/14 15:21	75-00-3	
Chloroform	ND ug/L		1.0	1		12/04/14 15:21	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		12/04/14 15:21	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		12/04/14 15:21	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 15:21	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 15:21	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		12/04/14 15:21	100-41-4	
Methylene chloride	ND ug/L		1.0	1		12/04/14 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		12/04/14 15:21	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		12/04/14 15:21	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		12/04/14 15:21	127-18-4	
Toluene	ND ug/L		1.0	1		12/04/14 15:21	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		12/04/14 15:21	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		12/04/14 15:21	79-00-5	
Trichloroethene	ND ug/L		1.0	1		12/04/14 15:21	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		12/04/14 15:21	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		12/04/14 15:21	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97 %		80-120	1		12/04/14 15:21	460-00-4	
Toluene-d8 (S)	96 %		80-120	1		12/04/14 15:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		12/04/14 15:21	17060-07-0	
Preservation pH	7.0		1.0	1		12/04/14 15:21		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183520001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001		1487310		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20 M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: MERP/9112

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183520001

METHOD BLANK: 1488287

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: MPRP/30029

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183520001

METHOD BLANK: 1487746

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/05/14 11:36	
Antimony	ug/L	ND	10.0	12/05/14 11:36	
Arsenic	ug/L	ND	10.0	12/05/14 11:36	
Beryllium	ug/L	ND	1.0	12/05/14 11:36	
Cadmium	ug/L	ND	5.0	12/05/14 11:36	
Chromium	ug/L	ND	5.0	12/05/14 11:36	
Cobalt	ug/L	ND	5.0	12/05/14 11:36	
Copper	ug/L	ND	10.0	12/05/14 11:36	
Iron	ug/L	ND	50.0	12/05/14 11:36	
Lead	ug/L	ND	5.0	12/05/14 11:36	
Nickel	ug/L	ND	5.0	12/05/14 11:36	
Selenium	ug/L	ND	15.0	12/05/14 11:36	
Silver	ug/L	ND	7.0	12/05/14 11:36	
Thallium	ug/L	ND	20.0	12/05/14 11:36	
Zinc	ug/L	ND	50.0	12/05/14 11:36	

LABORATORY CONTROL SAMPLE: 1487747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	987	99	85-115	
Beryllium	ug/L	1000	999	100	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	994	99	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1040	104	85-115	
Iron	ug/L	10000	10000	100	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1050	105	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	500	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487748			1487749							
Parameter	Units	60183519001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits			
Aluminum	ug/L	2190	50000	50000	52000	53200	100	102	70-130	2	20	
Antimony	ug/L	ND	5000	5000	5280	5410	105	108	70-130	2	20	
Arsenic	ug/L	446	5000	5000	5720	5800	105	107	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	4780	4870	96	97	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5140	5240	103	105	70-130	2	20	
Chromium	ug/L	92.8	5000	5000	4850	4940	95	97	70-130	2	20	
Cobalt	ug/L	ND	5000	5000	4870	4970	97	99	70-130	2	20	
Copper	ug/L	ND	5000	5000	5270	5380	105	107	70-130	2	20	
Iron	ug/L	130000	50000	50000	186000	191000	112	122	70-130	3	20	
Lead	ug/L	ND	5000	5000	4730	4820	95	96	70-130	2	20	
Nickel	ug/L	61.7	5000	5000	4890	5000	97	99	70-130	2	20	
Selenium	ug/L	ND	5000	5000	5380	5520	108	110	70-130	2	20	
Silver	ug/L	ND	2500	2500	2590	2640	103	105	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4380	4480	88	90	70-130	2	20	
Zinc	ug/L	1480	5000	5000	6240	6380	95	98	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: MPRP/30036

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183520001

METHOD BLANK: 1488118

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488120		1488121		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60183359001 Result	MS Spike Conc.	MSD Spike Conc.									
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20		
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20		
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20		
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20		
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20		
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20		
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20		
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20		
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20		
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20		
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20		
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20		
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20		
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20		
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: MSV/66173 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183520001, 60183520002

METHOD BLANK: 1488338 Matrix: Water

Associated Lab Samples: 60183520001, 60183520002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/04/14 12:08	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,2-Dichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/04/14 12:08	
2-Butanone (MEK)	ug/L	ND	10.0	12/04/14 12:08	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/04/14 12:08	N2
Acetone	ug/L	ND	10.0	12/04/14 12:08	N2
Benzene	ug/L	ND	1.0	12/04/14 12:08	
Bromodichloromethane	ug/L	ND	1.0	12/04/14 12:08	
Bromoform	ug/L	ND	1.0	12/04/14 12:08	
Bromomethane	ug/L	ND	5.0	12/04/14 12:08	
Carbon tetrachloride	ug/L	ND	1.0	12/04/14 12:08	
Chloroethane	ug/L	ND	1.0	12/04/14 12:08	
Chloroform	ug/L	ND	1.0	12/04/14 12:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	N2
Ethylbenzene	ug/L	ND	1.0	12/04/14 12:08	
Methylene chloride	ug/L	ND	1.0	12/04/14 12:08	
Tetrachloroethene	ug/L	ND	1.0	12/04/14 12:08	
Toluene	ug/L	ND	1.0	12/04/14 12:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Trichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Vinyl chloride	ug/L	ND	1.0	12/04/14 12:08	
Xylene (Total)	ug/L	ND	3.0	12/04/14 12:08	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	12/04/14 12:08	
4-Bromofluorobenzene (S)	%	101	80-120	12/04/14 12:08	
Toluene-d8 (S)	%	96	80-120	12/04/14 12:08	

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.2	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.1	101	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.2	101	70-126	
1,4-Dichlorobenzene	ug/L	20	19.6	98	74-120	
2-Butanone (MEK)	ug/L	100	95.4	95	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.3	92	59-131	N2
Acetone	ug/L	100	94.6	95	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.4	102	68-125	
Bromoform	ug/L	20	19.4	97	65-127	
Bromomethane	ug/L	20	16.7	84	13-157	
Carbon tetrachloride	ug/L	20	20.2	101	70-131	
Chloroethane	ug/L	20	12.0	60	47-133	
Chloroform	ug/L	20	20.2	101	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	68-127	N2
Ethylbenzene	ug/L	20	19.3	97	74-122	
Methylene chloride	ug/L	20	19.0	95	64-129	
Tetrachloroethene	ug/L	20	19.1	95	73-125	
Toluene	ug/L	20	19.1	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	21.1	106	66-129	
Trichloroethene	ug/L	20	19.3	96	71-123	
Vinyl chloride	ug/L	20	21.9	110	43-129	
Xylene (Total)	ug/L	60	60.1	100	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			103	80-120	
Toluene-d8 (S)	%			97	80-120	

MATRIX SPIKE SAMPLE: 1488340

Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	4420	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	4060	102	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3840	96	52-143	
1,2-Dichloroethane	ug/L	ND	4000	4030	101	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	4130	103	33-140	
2-Butanone (MEK)	ug/L	18500	20000	39200	103	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	18300	90	40-160	N2
Acetone	ug/L	48500	20000	71000	112	10-160	N2
Benzene	ug/L	ND	4000	4010	100	37-151	
Bromodichloromethane	ug/L	ND	4000	4040	101	35-142	
Bromoform	ug/L	ND	4000	3870	97	45-142	
Bromomethane	ug/L	ND	4000	3480	87	10-158	
Carbon tetrachloride	ug/L	ND	4000	4520	113	70-140	
Chloroethane	ug/L	ND	4000	2440	61	19-152	
Chloroform	ug/L	ND	4000	4040	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	4100	103	34-147	N2
Ethylbenzene	ug/L	ND	4000	4240	106	40-142	
Methylene chloride	ug/L	ND	4000	3780	93	31-144	
Tetrachloroethene	ug/L	ND	4000	4280	107	64-148	
Toluene	ug/L	ND	4000	4070	100	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	4210	105	54-151	
Trichloroethene	ug/L	ND	4000	4090	102	71-149	
Vinyl chloride	ug/L	ND	4000	4720	118	22-146	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

MATRIX SPIKE SAMPLE:		1488340					
Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	12000	12800	107	37-144	N2
1,2-Dichloroethane-d4 (S)	%				102	80-120	
4-Bromofluorobenzene (S)	%				102	80-120	
Toluene-d8 (S)	%				96	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080
Pace Project No.: 60183520

QC Batch: OEXT/47362 Analysis Method: EPA 625
QC Batch Method: EPA 625 Analysis Description: 625 MSS
Associated Lab Samples: 60183520001

METHOD BLANK: 1487929 Matrix: Water
Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/04/14 12:05	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/04/14 12:05	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/04/14 12:05	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/04/14 12:05	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/04/14 12:05	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/04/14 12:05	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/04/14 12:05	
Hexachloroethane	ug/L	ND	5.0	12/04/14 12:05	
Naphthalene	ug/L	ND	5.0	12/04/14 12:05	
Nitrobenzene	ug/L	ND	5.0	12/04/14 12:05	
Pentachlorophenol	ug/L	ND	5.0	12/04/14 12:05	
Phenol	ug/L	ND	5.0	12/04/14 12:05	
2,4,6-Tribromophenol (S)	%	99	39-120	12/04/14 12:05	
2-Fluorobiphenyl (S)	%	99	39-120	12/04/14 12:05	
2-Fluorophenol (S)	%	54	17-120	12/04/14 12:05	
Nitrobenzene-d5 (S)	%	95	33-120	12/04/14 12:05	
Phenol-d6 (S)	%	33	11-120	12/04/14 12:05	
Terphenyl-d14 (S)	%	102	45-120	12/04/14 12:05	

LABORATORY CONTROL SAMPLE: 1487930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.6	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.2	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.6	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	50.9	102	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.3	87	44-116	
Hexachlorocyclopentadiene	ug/L	100	47.6	48	24-120	
Hexachloroethane	ug/L	50	43.9	88	43-113	
Naphthalene	ug/L	50	45.8	92	48-120	
Nitrobenzene	ug/L	50	45.0	90	48-120	
Pentachlorophenol	ug/L	50	42.2	84	47-120	
Phenol	ug/L	50	17.9	36	16-112	
2,4,6-Tribromophenol (S)	%			102	39-120	
2-Fluorobiphenyl (S)	%			100	39-120	
2-Fluorophenol (S)	%			53	17-120	
Nitrobenzene-d5 (S)	%			93	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			100	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

MATRIX SPIKE SAMPLE:		1487931					
Parameter	Units	60183519001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4030	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4520	90	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	3790	76	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	5250	72	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	4240	85	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4110	82	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	1540	15	11-120	
Hexachloroethane	ug/L	ND	5000	3790	76	40-113	
Naphthalene	ug/L	ND	5000	4330	85	45-120	
Nitrobenzene	ug/L	ND	5000	4800	96	38-120	
Pentachlorophenol	ug/L	ND	5000	5240	105	43-135	
Phenol	ug/L	3060	5000	5580	50	13-112	
2,4,6-Tribromophenol (S)	%				95	39-120	
2-Fluorobiphenyl (S)	%				90	39-120	
2-Fluorophenol (S)	%				57	17-120	
Nitrobenzene-d5 (S)	%				103	33-120	
Phenol-d6 (S)	%				39	11-120	
Terphenyl-d14 (S)	%				95	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: WET/51817

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Associated Lab Samples: 60183520001

METHOD BLANK: 1486710

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:47	

LABORATORY CONTROL SAMPLE: 1486711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.6	99	78-114	

MATRIX SPIKE SAMPLE: 1486712

Parameter	Units	60182910001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	30.4	40.4	79.7	122	78-114	M1

SAMPLE DUPLICATE: 1486713

Parameter	Units	60182991001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	0.86J	ND		18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: WET/51859

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60183520001

METHOD BLANK: 1488142

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/03/14 17:36	

SAMPLE DUPLICATE: 1488143

Parameter	Units	60183480005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	53.3	56.0	5	10	

SAMPLE DUPLICATE: 1488144

Parameter	Units	60183521001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9740	9740	0	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: WET/51841 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183520001

SAMPLE DUPLICATE: 1487463

Parameter	Units	60183400005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: WET/51818

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183520001

METHOD BLANK: 1486726

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/06/14 14:21	

LABORATORY CONTROL SAMPLE: 1486727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	165	83	85-115	L0

SAMPLE DUPLICATE: 1486728

Parameter	Units	60183514002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	333	345	3	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch: WETA/32008

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183520001

METHOD BLANK: 1486785

Matrix: Water

Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

QC Batch:	WETA/32078	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183520001		

METHOD BLANK: 1490050 Matrix: Water
Associated Lab Samples: 60183520001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/08/14 14:25	

LABORATORY CONTROL SAMPLE: 1490051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	54.0	108	90-110	

MATRIX SPIKE SAMPLE: 1490052

Parameter	Units	60183326001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	5480	2500	7720	89	90-110	M1

SAMPLE DUPLICATE: 1490053

Parameter	Units	60183326003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	3110	3000	4	25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-080

Pace Project No.: 60183520

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183520001	T1-080	EPA 200.7	MPRP/30029	EPA 200.7	ICP/22469
60183520001	T1-080	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183520001	T1-080	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183520001	T1-080	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183520001	T1-080	EPA 625	OEXT/47362	EPA 625	MSSV/15277
60183520001	T1-080	EPA 624 Low	MSV/66173		
60183520002	TRIP BLANK	EPA 624 Low	MSV/66173		
60183520001	T1-080	EPA 1664A	WET/51817		
60183520001	T1-080	SM 2540D	WET/51859		
60183520001	T1-080	SM 4500-H+B	WET/51841		
60183520001	T1-080	SM 5210B	WET/51818	SM 5210B	WET/51910
60183520001	T1-080	EPA 350.1	WETA/32008		
60183520001	T1-080	EPA 410.4	WETA/32078		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183520



60183520

Client Name: Barr

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xroads

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-239 / T-194

Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 0.9

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: Jan 12/1/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Barr pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>wt</u>		13.
All containers needing preservation have been checked:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Unable to be preserved added 2.5 ml HNO3; no change</u>
All containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, coliform, TOC, P&G, MI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed: <u>bar</u>
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative: <u>11510-53.10</u>
Pace Trip Blank lot # (if purchased): <u>Nov 24 2014</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State: <u>MD</u>

Client Notification/ Resolution:

Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 12/1/14

December 09, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101

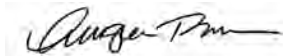
RE: Project: BRIDGETON UNTREATED COMINGLED
Pace Project No.: 60183523

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on December 01, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183523001	NOV2014 TCLP	Water	11/29/14 16:10	12/01/14 13:50
60183523002	TRIP BLANK	Water	11/29/14 16:10	12/01/14 13:50

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SAMPLE ANALYTE COUNT

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183523001	NOV2014 TCLP	EPA 8260	JKL, PRG	13
		EPA 1664A	CRT	1
		SM 2540B	JML	1
60183523002	TRIP BLANK	EPA 5030B/8260	PRG	69

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ANALYTICAL RESULTS

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Sample: NOV2014 TCPL									
Lab ID: 60183523001									
Collected: 11/29/14 16:10									
Received: 12/01/14 13:50									
Matrix: Water									
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCPL									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 12/03/14 00:00									
Benzene	412	ug/L	250	500	5		12/04/14 14:53	71-43-2	
2-Butanone (MEK)	49000	ug/L	10000	200000	10		12/08/14 11:10	78-93-3	
Carbon tetrachloride	ND	ug/L	250	500	5		12/04/14 14:53	56-23-5	
Chlorobenzene	ND	ug/L	250	100000	5		12/04/14 14:53	108-90-7	
Chloroform	ND	ug/L	1000	6000	5		12/04/14 14:53	67-66-3	
1,2-Dichloroethane	ND	ug/L	250	500	5		12/04/14 14:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	250	700	5		12/04/14 14:53	75-35-4	
Tetrachloroethene	ND	ug/L	250	700	5		12/04/14 14:53	127-18-4	
Trichloroethene	ND	ug/L	250	500	5		12/04/14 14:53	79-01-6	
Vinyl chloride	ND	ug/L	100	200	5		12/04/14 14:53	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	82-123		5		12/04/14 14:53	17060-07-0	
Toluene-d8 (S)	97	%	80-120		5		12/04/14 14:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120		5		12/04/14 14:53	460-00-4	
HEM, Oil and Grease									
Analytical Method: EPA 1664A									
Oil and Grease	1230	mg/L	5.0		1		12/03/14 11:14		
2540B Total Solids									
Analytical Method: SM 2540B									
Total Solids	59100	mg/L	5.0		1		12/05/14 16:59		

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ANALYTICAL RESULTS

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Sample: TRIP BLANK **Lab ID: 60183523002** Collected: 11/29/14 16:10 Received: 12/01/14 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0		1		12/03/14 17:05	67-64-1	
Benzene	ND	ug/L	1.0		1		12/03/14 17:05	71-43-2	
Bromobenzene	ND	ug/L	1.0		1		12/03/14 17:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0		1		12/03/14 17:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0		1		12/03/14 17:05	75-27-4	
Bromoform	ND	ug/L	1.0		1		12/03/14 17:05	75-25-2	
Bromomethane	ND	ug/L	5.0		1		12/03/14 17:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0		1		12/03/14 17:05	78-93-3	
n-Butylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	98-06-6	
Carbon disulfide	ND	ug/L	5.0		1		12/03/14 17:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0		1		12/03/14 17:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	108-90-7	
Chloroethane	ND	ug/L	1.0		1		12/03/14 17:05	75-00-3	
Chloroform	ND	ug/L	1.0		1		12/03/14 17:05	67-66-3	
Chloromethane	ND	ug/L	1.0		1		12/03/14 17:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0		1		12/03/14 17:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0		1		12/03/14 17:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5		1		12/03/14 17:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0		1		12/03/14 17:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1		12/03/14 17:05	106-93-4	
Dibromomethane	ND	ug/L	1.0		1		12/03/14 17:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0		1		12/03/14 17:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0		1		12/03/14 17:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0		1		12/03/14 17:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0		1		12/03/14 17:05	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0		1		12/03/14 17:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0		1		12/03/14 17:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0		1		12/03/14 17:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0		1		12/03/14 17:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0		1		12/03/14 17:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0		1		12/03/14 17:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0		1		12/03/14 17:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0		1		12/03/14 17:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0		1		12/03/14 17:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0		1		12/03/14 17:05	87-68-3	
2-Hexanone	ND	ug/L	10.0		1		12/03/14 17:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0		1		12/03/14 17:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0		1		12/03/14 17:05	99-87-6	
Methylene chloride	ND	ug/L	1.0		1		12/03/14 17:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0		1		12/03/14 17:05	108-10-1	

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ANALYTICAL RESULTS

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Sample: TRIP BLANK		Lab ID: 60183523002	Collected: 11/29/14 16:10	Received: 12/01/14 13:50	Matrix: Water				
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
Methyl-tert-butyl ether	ND	ug/L	1.0		1		12/03/14 17:05	1634-04-4	
Naphthalene	ND	ug/L	10.0		1		12/03/14 17:05	91-20-3	
n-Propylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	103-65-1	
Styrene	ND	ug/L	1.0		1		12/03/14 17:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0		1		12/03/14 17:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1		12/03/14 17:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0		1		12/03/14 17:05	127-18-4	
Toluene	ND	ug/L	1.0		1		12/03/14 17:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1		12/03/14 17:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0		1		12/03/14 17:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0		1		12/03/14 17:05	79-00-5	
Trichloroethene	ND	ug/L	1.0		1		12/03/14 17:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0		1		12/03/14 17:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5		1		12/03/14 17:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0		1		12/03/14 17:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0		1		12/03/14 17:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0		1		12/03/14 17:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		12/03/14 17:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		80-120		1		12/03/14 17:05	17060-07-0	
Toluene-d8 (S)	98 %		80-120		1		12/03/14 17:05	2037-26-5	
Preservation pH	7.0		0.10		1		12/03/14 17:05		

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

QC Batch:	MSV/66192	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV TCLP
Associated Lab Samples:	60183523001		

METHOD BLANK: 1488572 Matrix: Water

Associated Lab Samples: 60183523001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	12/04/14 13:17	
1,2-Dichloroethane	ug/L	ND	50.0	12/04/14 13:17	
Benzene	ug/L	ND	50.0	12/04/14 13:17	
Carbon tetrachloride	ug/L	ND	50.0	12/04/14 13:17	
Chlorobenzene	ug/L	ND	50.0	12/04/14 13:17	
Chloroform	ug/L	ND	200	12/04/14 13:17	
Tetrachloroethene	ug/L	ND	50.0	12/04/14 13:17	
Trichloroethene	ug/L	ND	50.0	12/04/14 13:17	
Vinyl chloride	ug/L	ND	20.0	12/04/14 13:17	
1,2-Dichloroethane-d4 (S)	%	104	82-123	12/04/14 13:17	
4-Bromofluorobenzene (S)	%	98	80-120	12/04/14 13:17	
Toluene-d8 (S)	%	99	80-120	12/04/14 13:17	

LABORATORY CONTROL SAMPLE: 1488573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	200	197	99	65-129	
1,2-Dichloroethane	ug/L	200	207	103	76-122	
Benzene	ug/L	200	197	99	75-119	
Carbon tetrachloride	ug/L	200	202	101	68-135	
Chlorobenzene	ug/L	200	205	103	77-117	
Chloroform	ug/L	200	205	103	72-125	
Tetrachloroethene	ug/L	200	201	101	69-125	
Trichloroethene	ug/L	200	194	97	73-124	
Vinyl chloride	ug/L	200	208	104	53-137	
1,2-Dichloroethane-d4 (S)	%			103	82-123	
4-Bromofluorobenzene (S)	%			102	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1488574

Parameter	Units	60183420001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	200	199	99	57-126	
1,2-Dichloroethane	ug/L	ND	200	196	98	71-122	
Benzene	ug/L	ND	200	196	98	56-133	
Carbon tetrachloride	ug/L	ND	200	212	106	67-126	
Chlorobenzene	ug/L	ND	200	204	102	74-112	
Chloroform	ug/L	ND	200	207	104	71-120	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

MATRIX SPIKE SAMPLE:		1488574		60183420001		Spike		MS		MS		% Rec		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits							
Tetrachloroethene	ug/L	ND	200	218	107	67-119									
Trichloroethene	ug/L	ND	200	205	102	71-117									
Vinyl chloride	ug/L	ND	200	213	106	42-129									
1,2-Dichloroethane-d4 (S)	%				102	82-123									
4-Bromofluorobenzene (S)	%				100	80-120									
Toluene-d8 (S)	%				99	80-120									

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

QC Batch:	MSV/66262	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV TCLP
Associated Lab Samples:	60183523001		

METHOD BLANK: 1490273 Matrix: Water

Associated Lab Samples: 60183523001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Butanone (MEK)	ug/L	ND	1000	12/08/14 10:55	
1,2-Dichloroethane-d4 (S)	%	88	82-123	12/08/14 10:55	
4-Bromofluorobenzene (S)	%	98	80-120	12/08/14 10:55	
Toluene-d8 (S)	%	100	80-120	12/08/14 10:55	

LABORATORY CONTROL SAMPLE: 1490274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	5000	4420	88	66-122	
1,2-Dichloroethane-d4 (S)	%			97	82-123	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			102	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

QC Batch: MSV/66153

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 7 day

Associated Lab Samples: 60183523002

METHOD BLANK: 1487819

Matrix: Water

Associated Lab Samples: 60183523002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,1-Dichloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,1-Dichloroethene	ug/L	ND	1.0	12/03/14 11:26	
1,1-Dichloropropene	ug/L	ND	1.0	12/03/14 11:26	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
1,2,3-Trichloropropane	ug/L	ND	2.5	12/03/14 11:26	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/03/14 11:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	12/03/14 11:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/03/14 11:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
1,2-Dichloroethane	ug/L	ND	1.0	12/03/14 11:26	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	12/03/14 11:26	
1,2-Dichloropropane	ug/L	ND	1.0	12/03/14 11:26	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/03/14 11:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
1,3-Dichloropropane	ug/L	ND	1.0	12/03/14 11:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
2,2-Dichloropropane	ug/L	ND	1.0	12/03/14 11:26	
2-Butanone (MEK)	ug/L	ND	10.0	12/03/14 11:26	
2-Chlorotoluene	ug/L	ND	1.0	12/03/14 11:26	
2-Hexanone	ug/L	ND	10.0	12/03/14 11:26	
4-Chlorotoluene	ug/L	ND	1.0	12/03/14 11:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/03/14 11:26	
Acetone	ug/L	ND	10.0	12/03/14 11:26	
Benzene	ug/L	ND	1.0	12/03/14 11:26	
Bromobenzene	ug/L	ND	1.0	12/03/14 11:26	
Bromochloromethane	ug/L	ND	1.0	12/03/14 11:26	
Bromodichloromethane	ug/L	ND	1.0	12/03/14 11:26	
Bromoform	ug/L	ND	1.0	12/03/14 11:26	
Bromomethane	ug/L	ND	5.0	12/03/14 11:26	
Carbon disulfide	ug/L	ND	5.0	12/03/14 11:26	
Carbon tetrachloride	ug/L	ND	1.0	12/03/14 11:26	
Chlorobenzene	ug/L	ND	1.0	12/03/14 11:26	
Chloroethane	ug/L	ND	1.0	12/03/14 11:26	
Chloroform	ug/L	ND	1.0	12/03/14 11:26	
Chloromethane	ug/L	ND	1.0	12/03/14 11:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/03/14 11:26	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

METHOD BLANK: 1487819

Matrix: Water

Associated Lab Samples: 60183523002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/03/14 11:26	
Dibromochloromethane	ug/L	ND	1.0	12/03/14 11:26	
Dibromomethane	ug/L	ND	1.0	12/03/14 11:26	
Dichlorodifluoromethane	ug/L	ND	1.0	12/03/14 11:26	
Ethylbenzene	ug/L	ND	1.0	12/03/14 11:26	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/03/14 11:26	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/03/14 11:26	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/03/14 11:26	
Methylene chloride	ug/L	ND	1.0	12/03/14 11:26	
n-Butylbenzene	ug/L	ND	1.0	12/03/14 11:26	
n-Propylbenzene	ug/L	ND	1.0	12/03/14 11:26	
Naphthalene	ug/L	ND	10.0	12/03/14 11:26	
p-Isopropyltoluene	ug/L	ND	1.0	12/03/14 11:26	
sec-Butylbenzene	ug/L	ND	1.0	12/03/14 11:26	
Styrene	ug/L	ND	1.0	12/03/14 11:26	
tert-Butylbenzene	ug/L	ND	1.0	12/03/14 11:26	
Tetrachloroethene	ug/L	ND	1.0	12/03/14 11:26	
Toluene	ug/L	ND	1.0	12/03/14 11:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/03/14 11:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/03/14 11:26	
Trichloroethene	ug/L	ND	1.0	12/03/14 11:26	
Trichlorofluoromethane	ug/L	ND	1.0	12/03/14 11:26	
Vinyl chloride	ug/L	ND	1.0	12/03/14 11:26	
Xylene (Total)	ug/L	ND	3.0	12/03/14 11:26	
1,2-Dichloroethane-d4 (S)	%	101	80-120	12/03/14 11:26	
4-Bromofluorobenzene (S)	%	97	80-120	12/03/14 11:26	
Toluene-d8 (S)	%	100	80-120	12/03/14 11:26	

LABORATORY CONTROL SAMPLE: 1487820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.7	104	80-122	
1,1,1-Trichloroethane	ug/L	20	20.0	100	80-116	
1,1,2,2-Tetrachloroethane	ug/L	20	19.7	99	73-121	
1,1,2-Trichloroethane	ug/L	20	20.0	100	80-116	
1,1-Dichloroethane	ug/L	20	19.5	98	80-117	
1,1-Dichloroethene	ug/L	20	19.0	95	80-116	
1,1-Dichloropropene	ug/L	20	20.0	100	80-109	
1,2,3-Trichlorobenzene	ug/L	20	20.8	104	77-125	
1,2,3-Trichloropropane	ug/L	20	20.3	101	80-120	
1,2,4-Trichlorobenzene	ug/L	20	20.5	102	78-114	
1,2,4-Trimethylbenzene	ug/L	20	21.4	107	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	21.1	105	77-123	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	88-122	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

LABORATORY CONTROL SAMPLE: 1487820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	20.8	104	80-117	
1,2-Dichloroethane	ug/L	20	20.4	102	81-120	
1,2-Dichloroethene (Total)	ug/L	40	39.0	97	80-110	
1,2-Dichloropropane	ug/L	20	19.5	98	80-113	
1,3,5-Trimethylbenzene	ug/L	20	21.5	108	80-119	
1,3-Dichlorobenzene	ug/L	20	21.2	106	80-116	
1,3-Dichloropropane	ug/L	20	20.2	101	80-116	
1,4-Dichlorobenzene	ug/L	20	20.6	103	80-115	
2,2-Dichloropropane	ug/L	20	20.5	102	48-139	
2-Butanone (MEK)	ug/L	100	92.8	93	67-122	
2-Chlorotoluene	ug/L	20	20.6	103	80-117	
2-Hexanone	ug/L	100	99.6	100	75-121	
4-Chlorotoluene	ug/L	20	20.8	104	80-117	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.2	99	76-120	
Acetone	ug/L	100	99.8	100	72-116	
Benzene	ug/L	20	19.3	96	87-114	
Bromobenzene	ug/L	20	20.3	102	80-117	
Bromochloromethane	ug/L	20	19.3	96	80-117	
Bromodichloromethane	ug/L	20	20.9	104	80-120	
Bromoform	ug/L	20	20.3	101	73-138	
Bromomethane	ug/L	20	21.3	107	38-137	
Carbon disulfide	ug/L	20	21.2	106	71-129	
Carbon tetrachloride	ug/L	20	20.2	101	67-146	
Chlorobenzene	ug/L	20	19.9	99	80-119	
Chloroethane	ug/L	20	18.6	93	76-109	
Chloroform	ug/L	20	20.2	101	80-114	
Chloromethane	ug/L	20	19.0	95	34-165	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	80-112	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	80-115	
Dibromochloromethane	ug/L	20	20.0	100	80-126	
Dibromomethane	ug/L	20	21.3	106	80-122	
Dichlorodifluoromethane	ug/L	20	19.3	97	35-139	
Ethylbenzene	ug/L	20	19.8	99	89-114	
Hexachloro-1,3-butadiene	ug/L	20	22.0	110	68-128	
Isopropylbenzene (Cumene)	ug/L	20	20.3	101	80-136	
Methyl-tert-butyl ether	ug/L	20	19.4	97	74-120	
Methylene chloride	ug/L	20	20.1	101	80-114	
n-Butylbenzene	ug/L	20	22.6	113	79-126	
n-Propylbenzene	ug/L	20	20.1	101	80-114	
Naphthalene	ug/L	20	20.6	103	73-128	
p-Isopropyltoluene	ug/L	20	20.9	105	80-119	
sec-Butylbenzene	ug/L	20	20.7	103	80-120	
Styrene	ug/L	20	21.2	106	80-123	
tert-Butylbenzene	ug/L	20	20.4	102	80-117	
Tetrachloroethene	ug/L	20	19.4	97	80-123	
Toluene	ug/L	20	19.7	98	85-112	
trans-1,2-Dichloroethene	ug/L	20	19.8	99	80-111	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

LABORATORY CONTROL SAMPLE: 1487820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	20	20.6	103	80-129	
Trichloroethene	ug/L	20	19.5	97	80-120	
Trichlorofluoromethane	ug/L	20	20.9	105	79-119	
Vinyl chloride	ug/L	20	20.0	100	62-125	
Xylene (Total)	ug/L	60	60.0	100	90-118	
1,2-Dichloroethane-d4 (S)	%			100	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

QC Batch:	WET/51848	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183523001		

METHOD BLANK: 1487811 Matrix: Water

Associated Lab Samples: 60183523001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/03/14 11:13	

LABORATORY CONTROL SAMPLE: 1487812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	42.2	106	78-114	

MATRIX SPIKE SAMPLE: 1487813

Parameter	Units	60183082001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	<5.0	42.1	43.8	100	78-114	

SAMPLE DUPLICATE: 1487814

Parameter	Units	60183039001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	6.3	4.6J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

QC Batch:	WET/51906	Analysis Method:	SM 2540B
QC Batch Method:	SM 2540B	Analysis Description:	2540B Total Solids
Associated Lab Samples:	60183523001		

METHOD BLANK: 1489736 Matrix: Water
Associated Lab Samples: 60183523001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	mg/L	ND	5.0	12/05/14 16:58	

LABORATORY CONTROL SAMPLE: 1489737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	mg/L	1000	983	98	80-120	

SAMPLE DUPLICATE: 1489738

Parameter	Units	60183523001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	mg/L	59100	62000	5	10	

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QUALIFIERS

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/66153

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON UNTREATED COMINGLED

Pace Project No.: 60183523

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183523001	NOV2014 TCLP	EPA 8260	MSV/66192		
60183523001	NOV2014 TCLP	EPA 8260	MSV/66262		
60183523002	TRIP BLANK	EPA 5030B/8260	MSV/66153		
60183523001	NOV2014 TCLP	EPA 1664A	WET/51848		
60183523001	NOV2014 TCLP	SM 2540B	WET/51906		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60183523



60183523

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex UPS USPS Client Commercial Pace Other Xpress

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 0.3

Date and initials of person examining contents: [Signature] 2/1/14

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13.
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>NOV 7 2014</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
		16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State <u>ND</u>

Client Notification/ Resolution: Copy COC to Client? Y N Field Data Required? Y N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 1/14

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: / of /

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: BARR ENGINEERING		Report To: ED GALBRAITH/BARR		Attention: AMY HARGROVE/BRIAN POWER	
Address:		Copy To: SCOTT FEDAK/FEEZOR		Company Name: REPUBLIC SERVICES	
		DANA BAKER/MARGARET TREANOR-BARR		Address: BRIDGETON, MO 63044	
Email To:		Purchase Order No.:		Pace Quote Reference:	
Phone: Fax:		Project Name: BRIDGETON UNTREATED COMMINGLED		Pace Project Manager: Angie Brown 913-563-1402	
Requested Due Date/TAT:		Project Number:		Pace Profile #: PROFILE 7585-LINE 6	
REGULATORY AGENCY					
<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____					
Site Location				MO	
STATE:					

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Pace Project No./ Lab I.D.					
					COMPOSITE START		COMPOSITE END/GRAB				Preservatives															
					DATE	TIME	DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	8260 Volatiles **		TCLP Volatiles *	Total Solids/water matrix	Oil and Grease	TCLP SEMI-VOLATILES	TCLP RCRA 8
1	NOV2014 TCLP		OT	C	11/29/14	1610			5	3	2															** total VOCs Bridgeton List
2	TRIP BLANK		WT	G					2	2																* footnote %dry solids TCLP
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
NO SHIPPING LABEL OR CUSTODY SEALS PROVIDED BY LAB	BRANDON SIRJA/FEE	12/1/14	915	AMY HARGROVE	12/4/14	0914	0-3	Y	Y	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: <i>William Abernathy</i>					
DATE Signed (MM/DD/YY): 11/29/14					

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

TCLP/SPLP Determination of Percent Solids
 (Only if sample is liquid or semi-liquid. Skip if sample is obviously 100% solid.)



Date: 12/4/14
 Analyst: CEM

Batch: 6738
 Balance ID: 6000XT5 Reviewed by: _____

Sample Number	A Weight of Beaker (g)	B Weight of Sample & Beaker (g)	C Weight of Filtrate Container (g)	D Weight of 142-mm TCLP Filter (g)	E Weight of Waste Beaker After Filtration (g)	F Weight of Filtrate & Container (g)	G Weight of Filter and Solid Phase After Filtration (g)	H Weight of Filtrate (g) (F - C)	I Weight of Waste Filtered (g) (E - B)	J Percent WET Solids $\frac{(I - H)}{I \times 0.01}$	K DRY Weight #1 of Solid Phase plus Filter (g)	L DRY Weight #2 of Solid Phase plus Filter (g) (1)	M Percent DRY Solids $\frac{(L - D)}{I \times 0.01}$	If Multiphase, Are Phases Compatible (2)
60183528001	121.2	264.0	288.9	1.3	122.1	425.2	3.1	136.3	141.9	3.9%	1.5	1.4	0.07%	Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA
														Yes / No / NA

CEM 12/4/14

NOTE: If Wet Solids are ≥0.5 and <5% and a small amount of liquid is entrapped in the filter, then determine Percent Dry Solids. If the entrapped liquid is oily (non-aqueous) do not determine Percent Dry Solids. If Solids are <0.5%, tumbling is not required because the filtrate is considered to be the TCLP/SPLP extract.

- (1) Dry Weight #1 and Dry Weight #2 must be within 1% of each other. If the weights are within 1% of each other, use Dry Weight #2 in further calculations. If not within 1%, continue drying and weighing until two successive weighings are within 1%.
- (2) If compatible, combine the filtered liquid resulting from extraction with the initial liquid phase of sample. If the initial liquid phase is not compatible with the filtered liquid resulting from extraction, do not combine. Analyze liquids separately and combine the results mathematically.

If solids are ≥5.0 and <100%	Weight of waste to charge the ZHE = $\frac{25}{\text{Percent solids}} \times 100$
	Weight of waste to filter = $\frac{\text{mL of leachate required}}{20 \times \text{Percent solids}} \times 100$

December 08, 2014

Ed Galbraith
Barr Engineering Company
1001 Diamond Ridge, Ste 1100
Jefferson City, MO 65101


RE: Project: BRIDGETON LF T1-081
Pace Project No.: 60183521

Dear Ed Galbraith:

Enclosed are the analytical results for sample(s) received by the laboratory on December 01, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angie Brown
Angie.Brown@pacelabs.com
Project Manager

Enclosures

cc: Bill Abernathy, Feezor Engineering
Kelly Caddy, Barr Engineering
DAN FEEZOR, FEEZOR ENGINEERING
Dana B. Pasi, Barr Engineering Co.
Brian Power, Republic Services
Margaret Treanor, Barr Engineering Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183521001	T1-081	Water	11/30/14 08:24	12/01/14 13:50
60183521002	TRIP BLANK	Water	11/30/14 08:24	12/01/14 13:50

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183521001	T1-081	EPA 200.7	TDS	15
		EPA 200.7	SMW	15
		EPA 245.1	NDJ	1
		EPA 245.1	NDJ	1
		EPA 625	JMT	18
		EPA 624 Low	EAK	28
		EPA 1664A	CRT	1
		SM 2540D	JMC1	1
		SM 4500-H+B	ESM	1
		SM 5210B	AJM	1
		EPA 350.1	AJM	1
		EPA 410.4	JMC1	1
		60183521002	TRIP BLANK	EPA 624 Low

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Sample: T1-081	Lab ID: 60183521001	Collected: 11/30/14 08:24	Received: 12/01/14 13:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	17700 ug/L		375	1	12/03/14 12:20	12/05/14 11:50	7429-90-5	
Antimony	ND ug/L		50.0	1	12/03/14 12:20	12/05/14 11:50	7440-36-0	
Arsenic	678 ug/L		50.0	1	12/03/14 12:20	12/05/14 11:50	7440-38-2	
Beryllium	ND ug/L		5.0	1	12/03/14 12:20	12/05/14 11:50	7440-41-7	
Cadmium	ND ug/L		25.0	1	12/03/14 12:20	12/05/14 11:50	7440-43-9	
Chromium	199 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:50	7440-47-3	
Cobalt	35.8 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:50	7440-48-4	
Copper	ND ug/L		50.0	1	12/03/14 12:20	12/05/14 11:50	7440-50-8	
Iron	614000 ug/L		250	1	12/03/14 12:20	12/05/14 11:50	7439-89-6	
Lead	90.6 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:50	7439-92-1	
Nickel	88.2 ug/L		25.0	1	12/03/14 12:20	12/05/14 11:50	7440-02-0	
Selenium	ND ug/L		75.0	1	12/03/14 12:20	12/05/14 11:50	7782-49-2	
Silver	ND ug/L		35.0	1	12/03/14 12:20	12/05/14 11:50	7440-22-4	
Thallium	ND ug/L		100	1	12/03/14 12:20	12/05/14 11:50	7440-28-0	
Zinc	4980 ug/L		250	1	12/03/14 12:20	12/05/14 11:50	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum, Dissolved	ND ug/L		375	1	12/03/14 16:05	12/04/14 13:49	7429-90-5	
Antimony, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:49	7440-36-0	
Arsenic, Dissolved	410 ug/L		50.0	1	12/03/14 16:05	12/04/14 13:49	7440-38-2	
Beryllium, Dissolved	ND ug/L		5.0	1	12/03/14 16:05	12/04/14 13:49	7440-41-7	
Cadmium, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:49	7440-43-9	
Chromium, Dissolved	89.6 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:49	7440-47-3	
Cobalt, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:49	7440-48-4	
Copper, Dissolved	ND ug/L		50.0	1	12/03/14 16:05	12/04/14 13:49	7440-50-8	
Iron, Dissolved	92700 ug/L		250	1	12/03/14 16:05	12/04/14 13:49	7439-89-6	
Lead, Dissolved	ND ug/L		25.0	1	12/03/14 16:05	12/04/14 13:49	7439-92-1	
Nickel, Dissolved	56.3 ug/L		25.0	1	12/03/14 16:05	12/04/14 13:49	7440-02-0	
Selenium, Dissolved	ND ug/L		75.0	1	12/03/14 16:05	12/04/14 13:49	7782-49-2	
Silver, Dissolved	ND ug/L		35.0	1	12/03/14 16:05	12/04/14 13:49	7440-22-4	
Thallium, Dissolved	ND ug/L		100	1	12/03/14 16:05	12/04/14 13:49	7440-28-0	
Zinc, Dissolved	ND ug/L		250	1	12/03/14 16:05	12/04/14 13:49	7440-66-6	
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury	ND ug/L		6.0	1	12/02/14 14:00	12/03/14 09:41	7439-97-6	
245.1 Mercury, Dissolved (LF)		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1						
Mercury, Dissolved	ND ug/L		0.60	1	12/04/14 08:30	12/04/14 13:15	7439-97-6	
625 MSSV		Analytical Method: EPA 625 Preparation Method: EPA 625						
4,6-Dinitro-2-methylphenol	ND ug/L		2500	1	12/03/14 00:00	12/04/14 19:50	534-52-1	
Hexachloro-1,3-butadiene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:50	87-68-3	
Hexachlorocyclopentadiene	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:50	77-47-4	
Hexachloroethane	ND ug/L		500	1	12/03/14 00:00	12/04/14 19:50	67-72-1	
2-Methylphenol(o-Cresol)	ND ug/L		1000	1	12/03/14 00:00	12/04/14 19:50	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	2130 ug/L		2000	1	12/03/14 00:00	12/04/14 19:50		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Sample: T1-081	Lab ID: 60183521001	Collected: 11/30/14 08:24	Received: 12/01/14 13:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

625 MSSV

Analytical Method: EPA 625 Preparation Method: EPA 625

Naphthalene	ND ug/L	500	1	12/03/14 00:00	12/04/14 19:50	91-20-3		
Nitrobenzene	ND ug/L	500	1	12/03/14 00:00	12/04/14 19:50	98-95-3		
Pentachlorophenol	ND ug/L	500	1	12/03/14 00:00	12/04/14 19:50	87-86-5		
Phenol	4220 ug/L	500	1	12/03/14 00:00	12/04/14 19:50	108-95-2		
1,2,4-Trichlorobenzene	ND ug/L	500	1	12/03/14 00:00	12/04/14 19:50	120-82-1		
2,4,6-Trichlorophenol	ND ug/L	500	1	12/03/14 00:00	12/04/14 19:50	88-06-2		
Surrogates								
Nitrobenzene-d5 (S)	112 %	33-120	1	12/03/14 00:00	12/04/14 19:50	4165-60-0		
2-Fluorobiphenyl (S)	93 %	39-120	1	12/03/14 00:00	12/04/14 19:50	321-60-8		
Terphenyl-d14 (S)	96 %	45-120	1	12/03/14 00:00	12/04/14 19:50	1718-51-0		
Phenol-d6 (S)	35 %	11-120	1	12/03/14 00:00	12/04/14 19:50	13127-88-3		
2-Fluorophenol (S)	57 %	17-120	1	12/03/14 00:00	12/04/14 19:50	367-12-4		
2,4,6-Tribromophenol (S)	94 %	39-120	1	12/03/14 00:00	12/04/14 19:50	118-79-6		

624 Volatile Organics

Analytical Method: EPA 624 Low

Acetone	41600 ug/L	1000	100		12/04/14 14:10	67-64-1	N2	
Benzene	ND ug/L	100	100		12/04/14 14:10	71-43-2		
Bromodichloromethane	ND ug/L	100	100		12/04/14 14:10	75-27-4		
Bromoform	ND ug/L	100	100		12/04/14 14:10	75-25-2		
Bromomethane	ND ug/L	500	100		12/04/14 14:10	74-83-9		
2-Butanone (MEK)	15400 ug/L	1000	100		12/04/14 14:10	78-93-3	N2	
Carbon tetrachloride	ND ug/L	100	100		12/04/14 14:10	56-23-5		
Chloroethane	ND ug/L	100	100		12/04/14 14:10	75-00-3		
Chloroform	ND ug/L	100	100		12/04/14 14:10	67-66-3		
1,4-Dichlorobenzene	ND ug/L	100	100		12/04/14 14:10	106-46-7		
1,2-Dichloroethane	ND ug/L	100	100		12/04/14 14:10	107-06-2		
cis-1,2-Dichloroethene	ND ug/L	100	100		12/04/14 14:10	156-59-2	N2	
trans-1,2-Dichloroethene	ND ug/L	100	100		12/04/14 14:10	156-60-5		
Ethylbenzene	ND ug/L	100	100		12/04/14 14:10	100-41-4		
Methylene chloride	ND ug/L	100	100		12/04/14 14:10	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND ug/L	1000	100		12/04/14 14:10	108-10-1	N2	
1,1,2-Tetrachloroethane	ND ug/L	100	100		12/04/14 14:10	79-34-5	N2	
Tetrachloroethene	ND ug/L	100	100		12/04/14 14:10	127-18-4		
Toluene	ND ug/L	100	100		12/04/14 14:10	108-88-3		
1,1,1-Trichloroethane	ND ug/L	100	100		12/04/14 14:10	71-55-6		
1,1,2-Trichloroethane	ND ug/L	100	100		12/04/14 14:10	79-00-5		
Trichloroethene	ND ug/L	100	100		12/04/14 14:10	79-01-6		
Vinyl chloride	ND ug/L	100	100		12/04/14 14:10	75-01-4		
Xylene (Total)	ND ug/L	300	100		12/04/14 14:10	1330-20-7	N2	
Surrogates								
4-Bromofluorobenzene (S)	105 %	80-120	100		12/04/14 14:10	460-00-4		
Toluene-d8 (S)	101 %	80-120	100		12/04/14 14:10	2037-26-5		
1,2-Dichloroethane-d4 (S)	97 %	80-120	100		12/04/14 14:10	17060-07-0		
Preservation pH	7.0	1.0	100		12/04/14 14:10			

HEM, Oil and Grease

Analytical Method: EPA 1664A

Oil and Grease	237 mg/L	5.0	1	12/01/14 15:52
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Sample: T1-081		Lab ID: 60183521001	Collected: 11/30/14 08:24	Received: 12/01/14 13:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	9740	mg/L	5.0	1		12/03/14 17:38		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		12/02/14 16:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	9090	mg/L	2.0	1	12/01/14 17:02	12/06/14 14:57		L2
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	83.1	mg/L	10.0	100		12/02/14 19:30	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	20900	mg/L	2500	250		12/08/14 14:31		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Sample: TRIP BLANK		Lab ID: 60183521002	Collected: 11/30/14 08:24	Received: 12/01/14 13:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 Volatile Organics		Analytical Method: EPA 624 Low						
Acetone	ND ug/L		10.0	1		12/04/14 15:49	67-64-1	N2
Benzene	ND ug/L		1.0	1		12/04/14 15:49	71-43-2	
Bromodichloromethane	ND ug/L		1.0	1		12/04/14 15:49	75-27-4	
Bromoform	ND ug/L		1.0	1		12/04/14 15:49	75-25-2	
Bromomethane	ND ug/L		5.0	1		12/04/14 15:49	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		12/04/14 15:49	78-93-3	N2
Carbon tetrachloride	ND ug/L		1.0	1		12/04/14 15:49	56-23-5	
Chloroethane	ND ug/L		1.0	1		12/04/14 15:49	75-00-3	
Chloroform	ND ug/L		1.0	1		12/04/14 15:49	67-66-3	
1,4-Dichlorobenzene	ND ug/L		1.0	1		12/04/14 15:49	106-46-7	
1,2-Dichloroethane	ND ug/L		1.0	1		12/04/14 15:49	107-06-2	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 15:49	156-59-2	N2
trans-1,2-Dichloroethene	ND ug/L		1.0	1		12/04/14 15:49	156-60-5	
Ethylbenzene	ND ug/L		1.0	1		12/04/14 15:49	100-41-4	
Methylene chloride	ND ug/L		1.0	1		12/04/14 15:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		12/04/14 15:49	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		12/04/14 15:49	79-34-5	N2
Tetrachloroethene	ND ug/L		1.0	1		12/04/14 15:49	127-18-4	
Toluene	ND ug/L		1.0	1		12/04/14 15:49	108-88-3	
1,1,1-Trichloroethane	ND ug/L		1.0	1		12/04/14 15:49	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		12/04/14 15:49	79-00-5	
Trichloroethene	ND ug/L		1.0	1		12/04/14 15:49	79-01-6	
Vinyl chloride	ND ug/L		1.0	1		12/04/14 15:49	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		12/04/14 15:49	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		12/04/14 15:49	460-00-4	
Toluene-d8 (S)	97 %		80-120	1		12/04/14 15:49	2037-26-5	
1,2-Dichloroethane-d4 (S)	98 %		80-120	1		12/04/14 15:49	17060-07-0	
Preservation pH	7.0		1.0	1		12/04/14 15:49		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: MERP/9108

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury

Associated Lab Samples: 60183521001

METHOD BLANK: 1487307

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/03/14 09:03	

LABORATORY CONTROL SAMPLE: 1487308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487309 1487310

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	27.1	150	150	111	127	56	67	70-130	13	20	M1

MATRIX SPIKE SAMPLE: 1487311

Parameter	Units	60183375001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	16.8	150	123	71	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: MERP/9112

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Analysis Description: 245.1 Mercury - Dissolved

Associated Lab Samples: 60183521001

METHOD BLANK: 1488287

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/04/14 12:49	

LABORATORY CONTROL SAMPLE: 1488288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488289 1488290

Parameter	Units	60183359001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury, Dissolved	ug/L	ND	15	15	9.9	8.9	66	60	70-130	10	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: MPRP/30029

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Total

Associated Lab Samples: 60183521001

METHOD BLANK: 1487746

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/05/14 11:36	
Antimony	ug/L	ND	10.0	12/05/14 11:36	
Arsenic	ug/L	ND	10.0	12/05/14 11:36	
Beryllium	ug/L	ND	1.0	12/05/14 11:36	
Cadmium	ug/L	ND	5.0	12/05/14 11:36	
Chromium	ug/L	ND	5.0	12/05/14 11:36	
Cobalt	ug/L	ND	5.0	12/05/14 11:36	
Copper	ug/L	ND	10.0	12/05/14 11:36	
Iron	ug/L	ND	50.0	12/05/14 11:36	
Lead	ug/L	ND	5.0	12/05/14 11:36	
Nickel	ug/L	ND	5.0	12/05/14 11:36	
Selenium	ug/L	ND	15.0	12/05/14 11:36	
Silver	ug/L	ND	7.0	12/05/14 11:36	
Thallium	ug/L	ND	20.0	12/05/14 11:36	
Zinc	ug/L	ND	50.0	12/05/14 11:36	

LABORATORY CONTROL SAMPLE: 1487747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	1050	105	85-115	
Arsenic	ug/L	1000	987	99	85-115	
Beryllium	ug/L	1000	999	100	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	994	99	85-115	
Cobalt	ug/L	1000	1040	104	85-115	
Copper	ug/L	1000	1040	104	85-115	
Iron	ug/L	10000	10000	100	85-115	
Lead	ug/L	1000	1050	105	85-115	
Nickel	ug/L	1000	1050	105	85-115	
Selenium	ug/L	1000	1020	102	85-115	
Silver	ug/L	500	500	100	85-115	
Thallium	ug/L	1000	1040	104	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487748			1487749										
Parameter	Units	60183519001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Aluminum	ug/L	2190	50000	50000	52000	53200	100	102	70-130	2	20		
Antimony	ug/L	ND	5000	5000	5280	5410	105	108	70-130	2	20		
Arsenic	ug/L	446	5000	5000	5720	5800	105	107	70-130	1	20		
Beryllium	ug/L	ND	5000	5000	4780	4870	96	97	70-130	2	20		
Cadmium	ug/L	ND	5000	5000	5140	5240	103	105	70-130	2	20		
Chromium	ug/L	92.8	5000	5000	4850	4940	95	97	70-130	2	20		
Cobalt	ug/L	ND	5000	5000	4870	4970	97	99	70-130	2	20		
Copper	ug/L	ND	5000	5000	5270	5380	105	107	70-130	2	20		
Iron	ug/L	130000	50000	50000	186000	191000	112	122	70-130	3	20		
Lead	ug/L	ND	5000	5000	4730	4820	95	96	70-130	2	20		
Nickel	ug/L	61.7	5000	5000	4890	5000	97	99	70-130	2	20		
Selenium	ug/L	ND	5000	5000	5380	5520	108	110	70-130	2	20		
Silver	ug/L	ND	2500	2500	2590	2640	103	105	70-130	2	20		
Thallium	ug/L	ND	5000	5000	4380	4480	88	90	70-130	2	20		
Zinc	ug/L	1480	5000	5000	6240	6380	95	98	70-130	2	20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: MPRP/30036

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60183521001

METHOD BLANK: 1488118

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/04/14 13:03	
Antimony, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Arsenic, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Beryllium, Dissolved	ug/L	ND	1.0	12/04/14 13:03	
Cadmium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Chromium, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Cobalt, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Copper, Dissolved	ug/L	ND	10.0	12/04/14 13:03	
Iron, Dissolved	ug/L	ND	50.0	12/04/14 13:03	
Lead, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Nickel, Dissolved	ug/L	ND	5.0	12/04/14 13:03	
Selenium, Dissolved	ug/L	ND	15.0	12/04/14 13:03	
Silver, Dissolved	ug/L	ND	7.0	12/04/14 13:03	
Thallium, Dissolved	ug/L	ND	20.0	12/04/14 13:03	
Zinc, Dissolved	ug/L	ND	50.0	12/04/14 13:03	

LABORATORY CONTROL SAMPLE: 1488119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9930	99	85-115	
Antimony, Dissolved	ug/L	1000	1020	102	85-115	
Arsenic, Dissolved	ug/L	1000	986	99	85-115	
Beryllium, Dissolved	ug/L	1000	1020	102	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	986	99	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9990	100	85-115	
Lead, Dissolved	ug/L	1000	1000	100	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1010	101	85-115	
Silver, Dissolved	ug/L	500	483	97	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1010	101	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Parameter	Units	60183359001		1488120		1488121		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Aluminum, Dissolved	ug/L	ND	50000	50000	50000	49800	99	99	70-130	1	20			
Antimony, Dissolved	ug/L	ND	5000	5000	5220	5240	104	105	70-130	0	20			
Arsenic, Dissolved	ug/L	415	5000	5000	5570	5590	103	103	70-130	0	20			
Beryllium, Dissolved	ug/L	ND	5000	5000	5100	5080	102	102	70-130	0	20			
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5100	102	102	70-130	0	20			
Chromium, Dissolved	ug/L	89.0	5000	5000	5020	4980	99	98	70-130	1	20			
Cobalt, Dissolved	ug/L	ND	5000	5000	4960	4940	99	98	70-130	0	20			
Copper, Dissolved	ug/L	ND	5000	5000	4920	4860	98	97	70-130	1	20			
Iron, Dissolved	ug/L	125000	50000	50000	174000	180000	97	108	70-130	3	20			
Lead, Dissolved	ug/L	ND	5000	5000	4750	4720	95	94	70-130	1	20			
Nickel, Dissolved	ug/L	55.7	5000	5000	5050	5060	100	100	70-130	0	20			
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5340	106	107	70-130	1	20			
Silver, Dissolved	ug/L	ND	2500	2500	2510	2480	100	99	70-130	1	20			
Thallium, Dissolved	ug/L	ND	5000	5000	4600	4610	92	92	70-130	0	20			
Zinc, Dissolved	ug/L	ND	5000	5000	4970	5020	98	99	70-130	1	20			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: MSV/66173 Analysis Method: EPA 624 Low

QC Batch Method: EPA 624 Low Analysis Description: 624 MSV

Associated Lab Samples: 60183521001, 60183521002

METHOD BLANK: 1488338 Matrix: Water

Associated Lab Samples: 60183521001, 60183521002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/04/14 12:08	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,2-Dichloroethane	ug/L	ND	1.0	12/04/14 12:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/04/14 12:08	
2-Butanone (MEK)	ug/L	ND	10.0	12/04/14 12:08	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/04/14 12:08	N2
Acetone	ug/L	ND	10.0	12/04/14 12:08	N2
Benzene	ug/L	ND	1.0	12/04/14 12:08	
Bromodichloromethane	ug/L	ND	1.0	12/04/14 12:08	
Bromoform	ug/L	ND	1.0	12/04/14 12:08	
Bromomethane	ug/L	ND	5.0	12/04/14 12:08	
Carbon tetrachloride	ug/L	ND	1.0	12/04/14 12:08	
Chloroethane	ug/L	ND	1.0	12/04/14 12:08	
Chloroform	ug/L	ND	1.0	12/04/14 12:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	N2
Ethylbenzene	ug/L	ND	1.0	12/04/14 12:08	
Methylene chloride	ug/L	ND	1.0	12/04/14 12:08	
Tetrachloroethene	ug/L	ND	1.0	12/04/14 12:08	
Toluene	ug/L	ND	1.0	12/04/14 12:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Trichloroethene	ug/L	ND	1.0	12/04/14 12:08	
Vinyl chloride	ug/L	ND	1.0	12/04/14 12:08	
Xylene (Total)	ug/L	ND	3.0	12/04/14 12:08	N2
1,2-Dichloroethane-d4 (S)	%	105	80-120	12/04/14 12:08	
4-Bromofluorobenzene (S)	%	101	80-120	12/04/14 12:08	
Toluene-d8 (S)	%	96	80-120	12/04/14 12:08	

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.2	101	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	20.1	101	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.4	97	67-124	
1,2-Dichloroethane	ug/L	20	20.2	101	70-126	
1,4-Dichlorobenzene	ug/L	20	19.6	98	74-120	
2-Butanone (MEK)	ug/L	100	95.4	95	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.3	92	59-131	N2
Acetone	ug/L	100	94.6	95	38-134	N2
Benzene	ug/L	20	19.0	95	75-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

LABORATORY CONTROL SAMPLE: 1488339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.4	102	68-125	
Bromoform	ug/L	20	19.4	97	65-127	
Bromomethane	ug/L	20	16.7	84	13-157	
Carbon tetrachloride	ug/L	20	20.2	101	70-131	
Chloroethane	ug/L	20	12.0	60	47-133	
Chloroform	ug/L	20	20.2	101	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	68-127	N2
Ethylbenzene	ug/L	20	19.3	97	74-122	
Methylene chloride	ug/L	20	19.0	95	64-129	
Tetrachloroethene	ug/L	20	19.1	95	73-125	
Toluene	ug/L	20	19.1	95	69-126	
trans-1,2-Dichloroethene	ug/L	20	21.1	106	66-129	
Trichloroethene	ug/L	20	19.3	96	71-123	
Vinyl chloride	ug/L	20	21.9	110	43-129	
Xylene (Total)	ug/L	60	60.1	100	75-121	N2
1,2-Dichloroethane-d4 (S)	%			106	80-120	
4-Bromofluorobenzene (S)	%			103	80-120	
Toluene-d8 (S)	%			97	80-120	

MATRIX SPIKE SAMPLE: 1488340

Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	4420	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	4060	102	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3840	96	52-143	
1,2-Dichloroethane	ug/L	ND	4000	4030	101	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	4130	103	33-140	
2-Butanone (MEK)	ug/L	18500	20000	39200	103	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	18300	90	40-160	N2
Acetone	ug/L	48500	20000	71000	112	10-160	N2
Benzene	ug/L	ND	4000	4010	100	37-151	
Bromodichloromethane	ug/L	ND	4000	4040	101	35-142	
Bromoform	ug/L	ND	4000	3870	97	45-142	
Bromomethane	ug/L	ND	4000	3480	87	10-158	
Carbon tetrachloride	ug/L	ND	4000	4520	113	70-140	
Chloroethane	ug/L	ND	4000	2440	61	19-152	
Chloroform	ug/L	ND	4000	4040	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	4100	103	34-147	N2
Ethylbenzene	ug/L	ND	4000	4240	106	40-142	
Methylene chloride	ug/L	ND	4000	3780	93	31-144	
Tetrachloroethene	ug/L	ND	4000	4280	107	64-148	
Toluene	ug/L	ND	4000	4070	100	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	4210	105	54-151	
Trichloroethene	ug/L	ND	4000	4090	102	71-149	
Vinyl chloride	ug/L	ND	4000	4720	118	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

MATRIX SPIKE SAMPLE:		1488340					
Parameter	Units	60183492001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	12000	12800	107	37-144	N2
1,2-Dichloroethane-d4 (S)	%				102	80-120	
4-Bromofluorobenzene (S)	%				102	80-120	
Toluene-d8 (S)	%				96	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: OEXT/47362 Analysis Method: EPA 625
 QC Batch Method: EPA 625 Analysis Description: 625 MSS
 Associated Lab Samples: 60183521001

METHOD BLANK: 1487929 Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/04/14 12:05	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/04/14 12:05	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/04/14 12:05	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/04/14 12:05	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/04/14 12:05	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/04/14 12:05	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/04/14 12:05	
Hexachloroethane	ug/L	ND	5.0	12/04/14 12:05	
Naphthalene	ug/L	ND	5.0	12/04/14 12:05	
Nitrobenzene	ug/L	ND	5.0	12/04/14 12:05	
Pentachlorophenol	ug/L	ND	5.0	12/04/14 12:05	
Phenol	ug/L	ND	5.0	12/04/14 12:05	
2,4,6-Tribromophenol (S)	%	99	39-120	12/04/14 12:05	
2-Fluorobiphenyl (S)	%	99	39-120	12/04/14 12:05	
2-Fluorophenol (S)	%	54	17-120	12/04/14 12:05	
Nitrobenzene-d5 (S)	%	95	33-120	12/04/14 12:05	
Phenol-d6 (S)	%	33	11-120	12/04/14 12:05	
Terphenyl-d14 (S)	%	102	45-120	12/04/14 12:05	

LABORATORY CONTROL SAMPLE: 1487930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	46-120	
2,4,6-Trichlorophenol	ug/L	50	47.6	95	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	38.2	76	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.6	71	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	50.9	102	40-133	
Hexachloro-1,3-butadiene	ug/L	50	43.3	87	44-116	
Hexachlorocyclopentadiene	ug/L	100	47.6	48	24-120	
Hexachloroethane	ug/L	50	43.9	88	43-113	
Naphthalene	ug/L	50	45.8	92	48-120	
Nitrobenzene	ug/L	50	45.0	90	48-120	
Pentachlorophenol	ug/L	50	42.2	84	47-120	
Phenol	ug/L	50	17.9	36	16-112	
2,4,6-Tribromophenol (S)	%			102	39-120	
2-Fluorobiphenyl (S)	%			100	39-120	
2-Fluorophenol (S)	%			53	17-120	
Nitrobenzene-d5 (S)	%			93	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			100	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

MATRIX SPIKE SAMPLE:		1487931					
Parameter	Units	60183519001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4030	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4520	90	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	3790	76	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	5250	72	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	4240	85	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4110	82	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	1540	15	11-120	
Hexachloroethane	ug/L	ND	5000	3790	76	40-113	
Naphthalene	ug/L	ND	5000	4330	85	45-120	
Nitrobenzene	ug/L	ND	5000	4800	96	38-120	
Pentachlorophenol	ug/L	ND	5000	5240	105	43-135	
Phenol	ug/L	3060	5000	5580	50	13-112	
2,4,6-Tribromophenol (S)	%				95	39-120	
2-Fluorobiphenyl (S)	%				90	39-120	
2-Fluorophenol (S)	%				57	17-120	
Nitrobenzene-d5 (S)	%				103	33-120	
Phenol-d6 (S)	%				39	11-120	
Terphenyl-d14 (S)	%				95	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch:	WET/51817	Analysis Method:	EPA 1664A
QC Batch Method:	EPA 1664A	Analysis Description:	1664 HEM, Oil and Grease
Associated Lab Samples:	60183521001		

METHOD BLANK: 1486710 Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/01/14 15:47	

LABORATORY CONTROL SAMPLE: 1486711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.6	99	78-114	

MATRIX SPIKE SAMPLE: 1486712

Parameter	Units	60182910001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	30.4	40.4	79.7	122	78-114	M1

SAMPLE DUPLICATE: 1486713

Parameter	Units	60182991001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	0.86J	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: WET/51859

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60183521001

METHOD BLANK: 1488142

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/03/14 17:36	

SAMPLE DUPLICATE: 1488143

Parameter	Units	60183480005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	53.3	56.0	5	10	

SAMPLE DUPLICATE: 1488144

Parameter	Units	60183521001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9740	9740	0	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: WET/51841 Analysis Method: SM 4500-H+B

QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH

Associated Lab Samples: 60183521001

SAMPLE DUPLICATE: 1487463

Parameter	Units	60183400005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: WET/51818

Analysis Method: SM 5210B

QC Batch Method: SM 5210B

Analysis Description: 5210B BOD, 5 day

Associated Lab Samples: 60183521001

METHOD BLANK: 1486726

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/06/14 14:21	

LABORATORY CONTROL SAMPLE: 1486727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	165	83	85-115	L0

SAMPLE DUPLICATE: 1486728

Parameter	Units	60183514002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	333	345	3	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch: WETA/32008

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Analysis Description: 350.1 Ammonia

Associated Lab Samples: 60183521001

METHOD BLANK: 1486785

Matrix: Water

Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/02/14 18:48	

LABORATORY CONTROL SAMPLE: 1486786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	1.9	97	90-110	

MATRIX SPIKE SAMPLE: 1486787

Parameter	Units	60183021002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	91	90-110	

MATRIX SPIKE SAMPLE: 1486788

Parameter	Units	60183034001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	11.2	10	19.4	82	90-110	M1

SAMPLE DUPLICATE: 1486789

Parameter	Units	60183126003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	2.1	2.0	1	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

QC Batch:	WETA/32078	Analysis Method:	EPA 410.4
QC Batch Method:	EPA 410.4	Analysis Description:	410.4 COD
Associated Lab Samples:	60183521001		

METHOD BLANK: 1490050 Matrix: Water
Associated Lab Samples: 60183521001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/08/14 14:25	

LABORATORY CONTROL SAMPLE: 1490051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	54.0	108	90-110	

MATRIX SPIKE SAMPLE: 1490052

Parameter	Units	60183326001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	5480	2500	7720	89	90-110	M1

SAMPLE DUPLICATE: 1490053

Parameter	Units	60183326003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	3110	3000	4	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-081

Pace Project No.: 60183521

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183521001	T1-081	EPA 200.7	MPRP/30029	EPA 200.7	ICP/22469
60183521001	T1-081	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183521001	T1-081	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183521001	T1-081	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183521001	T1-081	EPA 625	OEXT/47362	EPA 625	MSSV/15277
60183521001	T1-081	EPA 624 Low	MSV/66173		
60183521002	TRIP BLANK	EPA 624 Low	MSV/66173		
60183521001	T1-081	EPA 1664A	WET/51817		
60183521001	T1-081	SM 2540D	WET/51859		
60183521001	T1-081	SM 4500-H+B	WET/51841		
60183521001	T1-081	SM 5210B	WET/51818	SM 5210B	WET/51910
60183521001	T1-081	EPA 350.1	WETA/32008		
60183521001	T1-081	EPA 410.4	WETA/32078		

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Sample Condition Upon Receipt

WO#: 60183521
Barcode
60183521

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other [x] XROADS

Tracking #: Pace Shipping Label Used? Yes [] No []

Custody Seal on Cooler/Box Present: Yes [x] No [] Seals intact: Yes [x] No []

Packing Material: Bubble Wrap [] Bubble Bags [x] Foam [x] None [] Other []

Thermometer Used: T-239 / T-194 Type of Ice: Wet [x] Blue [] None [] Samples received on ice, cooling process has begun.

Cooler Temperature: 2.5

Date and initials of person examining contents: [Signature] 12/1/14

Temperature should be above freezing to 6°C

Table with 17 rows and 2 columns. Row 1: Chain of Custody present: [x] Yes [] No [] N/A. Row 2: Chain of Custody filled out: [x] Yes [] No [] N/A. Row 3: Chain of Custody relinquished: [x] Yes [] No [] N/A. Row 4: Sampler name & signature on COC: [x] Yes [] No [] N/A. Row 5: Samples arrived within holding time: [x] Yes [] No [] N/A. Row 6: Short Hold Time analyses (<72hr): [x] Yes [] No [] N/A. Row 7: Rush Turn Around Time requested: [] Yes [x] No [] N/A. Row 8: Sufficient volume: [x] Yes [] No [] N/A. Row 9: Correct containers used: [x] Yes [] No [] N/A. Row 10: Pace containers used: [x] Yes [] No [] N/A. Row 11: Containers intact: [x] Yes [] No [] N/A. Row 12: Unpreserved 5035A soils frozen w/in 48hrs? [] Yes [] No [x] N/A. Row 13: Filtered volume received for dissolved tests? [] Yes [x] No [] N/A. Row 14: Sample labels match COC: [x] Yes [] No [] N/A. Row 15: Includes date/time/ID/analyses Matrix: wT. Row 16: All containers needing preservation have been checked. [x] Yes [] No [] N/A. Row 17: All containers needing preservation are found to be in compliance with EPA recommendation. [] Yes [x] No [] N/A. Row 18: Exceptions: VOA, coliform, TOC, [x] O&G, WI-DRO (water), Phenolics. [x] Yes [] No. Row 19: Trip Blank present: [x] Yes [] No [] N/A. Row 20: Pace Trip Blank lot # (if purchased): NOV 24 2014. Row 21: Headspace in VOA vials (>6mm): [] Yes [x] No [] N/A. Row 22: Project sampled in USDA Regulated Area: [] Yes [] No [x] N/A. Row 23: List State: MO.

Client Notification/ Resolution: Copy COC to Client? Y / N [x] Field Data Required? Y / N [x]

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: [Signature] Date: 12/1/14

