Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

December 08, 2014

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

RE: Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

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

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CERTIFICATIONS

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

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 T1-082
Pace Project No.: 60183519

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183519001	**T1-082**	Water	12/01/14 08:27	12/01/14 13:50
60183519002	**TRIP BLANK**	Water	12/01/14 08:27	12/01/14 13:50

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183519001	**T1-082**	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
60183519002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

Sample: T1-082 **Lab ID: 60183519001** Collected: 12/01/14 08:27 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	**2190**	ug/L	375	1	12/03/14 12:20	12/05/14 11:41	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/03/14 12:20	12/05/14 11:41	7440-36-0	
Arsenic	**446**	ug/L	50.0	1	12/03/14 12:20	12/05/14 11:41	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/03/14 12:20	12/05/14 11:41	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/03/14 12:20	12/05/14 11:41	7440-43-9	
Chromium	**92.8**	ug/L	25.0	1	12/03/14 12:20	12/05/14 11:41	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/03/14 12:20	12/05/14 11:41	7440-48-4	
Copper	ND	ug/L	50.0	1	12/03/14 12:20	12/05/14 11:41	7440-50-8	
Iron	**130000**	ug/L	250	1	12/03/14 12:20	12/05/14 11:41	7439-89-6	
Lead	ND	ug/L	25.0	1	12/03/14 12:20	12/05/14 11:41	7439-92-1	
Nickel	**61.7**	ug/L	25.0	1	12/03/14 12:20	12/05/14 11:41	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/03/14 12:20	12/05/14 11:41	7782-49-2	
Silver	ND	ug/L	35.0	1	12/03/14 12:20	12/05/14 11:41	7440-22-4	
Thallium	ND	ug/L	100	1	12/03/14 12:20	12/05/14 11:41	7440-28-0	
Zinc	**1480**	ug/L	250	1	12/03/14 12:20	12/05/14 11:41	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 13:42	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:42	7440-36-0	
Arsenic, Dissolved	**390**	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:42	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/03/14 16:05	12/04/14 13:42	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:42	7440-43-9	
Chromium, Dissolved	**80.4**	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:42	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:42	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/03/14 16:05	12/04/14 13:42	7440-50-8	
Iron, Dissolved	**43200**	ug/L	250	1	12/03/14 16:05	12/04/14 13:42	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:42	7439-92-1	
Nickel, Dissolved	**52.2**	ug/L	25.0	1	12/03/14 16:05	12/04/14 13:42	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/03/14 16:05	12/04/14 13:42	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/03/14 16:05	12/04/14 13:42	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/03/14 16:05	12/04/14 13:42	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/03/14 16:05	12/04/14 13:42	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 09:36	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 13:06	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 12:47	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/03/14 00:00	12/04/14 12:47	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/03/14 00:00	12/04/14 12:47		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

Sample: T1-082 **Lab ID: 60183519001** Collected: 12/01/14 08:27 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 12:47	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	87-86-5	
Phenol	**3060**	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/03/14 00:00	12/04/14 12:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98	%	33-120	1	12/03/14 00:00	12/04/14 12:47	4165-60-0	
2-Fluorobiphenyl (S)	90	%	39-120	1	12/03/14 00:00	12/04/14 12:47	321-60-8	
Terphenyl-d14 (S)	89	%	45-120	1	12/03/14 00:00	12/04/14 12:47	1718-51-0	
Phenol-d6 (S)	33	%	11-120	1	12/03/14 00:00	12/04/14 12:47	13127-88-3	
2-Fluorophenol (S)	54	%	17-120	1	12/03/14 00:00	12/04/14 12:47	367-12-4	
2,4,6-Tribromophenol (S)	93	%	39-120	1	12/03/14 00:00	12/04/14 12:47	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**43500**	ug/L	1000	100		12/04/14 14:24	67-64-1	N2
Benzene	ND	ug/L	100	100		12/04/14 14:24	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/04/14 14:24	75-27-4	
Bromoform	ND	ug/L	100	100		12/04/14 14:24	75-25-2	
Bromomethane	ND	ug/L	500	100		12/04/14 14:24	74-83-9	
2-Butanone (MEK)	**18200**	ug/L	1000	100		12/04/14 14:24	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/04/14 14:24	56-23-5	
Chloroethane	ND	ug/L	100	100		12/04/14 14:24	75-00-3	
Chloroform	ND	ug/L	100	100		12/04/14 14:24	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/04/14 14:24	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/04/14 14:24	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/04/14 14:24	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/04/14 14:24	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/04/14 14:24	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/04/14 14:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/04/14 14:24	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/04/14 14:24	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/04/14 14:24	127-18-4	
Toluene	ND	ug/L	100	100		12/04/14 14:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/04/14 14:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/04/14 14:24	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/04/14 14:24	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/04/14 14:24	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/04/14 14:24	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	100		12/04/14 14:24	460-00-4	
Toluene-d8 (S)	99	%	80-120	100		12/04/14 14:24	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	80-120	100		12/04/14 14:24	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/04/14 14:24		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**178**	mg/L	5.0	1		12/01/14 15:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

Sample: T1-082 **Lab ID: 60183519001** Collected: 12/01/14 08:27 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	**10200**	mg/L	5.0	1		12/03/14 17:39		
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	**7690**	mg/L	2.0	1	12/01/14 17:08	12/06/14 15:10		L2
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**67.9**	mg/L	10.0	100		12/02/14 19:28	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**20300**	mg/L	2500	250		12/08/14 14:29		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

Sample: TRIP BLANK **Lab ID: 60183519002** Collected: 12/01/14 08:27 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 16:17	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/04/14 16:17	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/04/14 16:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/04/14 16:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/04/14 16:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/04/14 16:17	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/04/14 16:17	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/04/14 16:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/04/14 16:17	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/04/14 16:17	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/04/14 16:17	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/04/14 16:17	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/04/14 16:17	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/04/14 16:17	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/04/14 16:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/04/14 16:17	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/04/14 16:17	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/04/14 16:17	127-18-4	
Toluene	ND	ug/L	1.0	1		12/04/14 16:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/04/14 16:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/04/14 16:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/04/14 16:17	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/04/14 16:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/04/14 16:17	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	98	%	80-120	1		12/04/14 16:17	460-00-4	
Toluene-d8 (S)	103	%	80-120	1		12/04/14 16:17	2037-26-5	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		12/04/14 16:17	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/04/14 16:17		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

QC Batch: MERP/9108 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60183519001

METHOD BLANK: 1487307 | Matrix: Water
Associated Lab Samples: 60183519001

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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-082
Pace Project No.: 60183519

QC Batch: MERP/9112
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60183519001

METHOD BLANK: 1488287
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: MPRP/30029
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60183519001

METHOD BLANK: 1487746
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1487748 1487749

Parameter	Units	60183519001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
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 T1-082
Pace Project No.: 60183519

QC Batch: MPRP/30036
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60183519001

METHOD BLANK: 1488118
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1488120 1488121

Parameter	Units	60183359001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
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 T1-082
Pace Project No.: 60183519

QC Batch: MSV/66173 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60183519001, 60183519002

METHOD BLANK: 1488338 | Matrix: Water
Associated Lab Samples: 60183519001, 60183519002

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 T1-082
Pace Project No.: 60183519

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 T1-082
Pace Project No.: 60183519

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 T1-082
Pace Project No.: 60183519

QC Batch: OEXT/47362 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60183519001

METHOD BLANK: 1487929 | Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

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 T1-082
Pace Project No.: 60183519

QC Batch: WET/51817
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60183519001

METHOD BLANK: 1486710
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: WET/51859
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60183519001

METHOD BLANK: 1488142
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: WET/51841
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: WET/51818
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60183519001

METHOD BLANK: 1486726
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: WETA/32008
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60183519001

METHOD BLANK: 1486785
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

QC Batch: WETA/32078
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Associated Lab Samples: 60183519001

METHOD BLANK: 1490050
Matrix: Water
Associated Lab Samples: 60183519001

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 T1-082
Pace Project No.: 60183519

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 T1-082
Pace Project No.: 60183519

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183519001	**T1-082**	EPA 200.7	MPRP/30029	EPA 200.7	ICP/22469
60183519001	**T1-082**	EPA 200.7	MPRP/30036	EPA 200.7	ICP/22474
60183519001	**T1-082**	EPA 245.1	MERP/9108	EPA 245.1	MERC/9061
60183519001	**T1-082**	EPA 245.1	MERP/9112	EPA 245.1	MERC/9066
60183519001	**T1-082**	EPA 625	OEXT/47362	EPA 625	MSSV/15277
60183519001	**T1-082**	EPA 624 Low	MSV/66173		
60183519002	**TRIP BLANK**	EPA 624 Low	MSV/66173		
60183519001	**T1-082**	EPA 1664A	WET/51817		
60183519001	**T1-082**	SM 2540D	WET/51859		
60183519001	**T1-082**	SM 4500-H+B	WET/51841		
60183519001	**T1-082**	SM 5210B	WET/51818	SM 5210B	WET/51910
60183519001	**T1-082**	EPA 350.1	WETA/32008		
60183519001	**T1-082**	EPA 410.4	WETA/32078		

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Sample Condition Upon Receipt

WO#: 60183519

60183519

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: 12.3

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 12/1/14

Chain of Custody present:	☑Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes ☐No ☐N/A	6. Bor pH
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.
Sufficient volume:	☑Yes ☐No ☐N/A	8.
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	9.
Containers intact:	☑Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes ☑No ☐N/A	12.
Sample labels match COC: Includes date/time/ID/analyses Matrix: WT	☑Yes ☐No ☐N/A	13.
All containers needing preservation have been checked	☑Yes ☐No ☐N/A	unable to use adjusted
All containers needing preservation are found to be in compliance with EPA recommendation	☐Yes ☑No ☐N/A	added 2.5 HNO3 ; no change 14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes ☐No	Initial when completed: h Lot # of added preservative: 12500-17.10
Trip Blank present: Pace Trip Blank lot # (if purchased): NOV 24 2014	☑Yes ☐No ☐N/A	15.
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State: MO

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date 12/1/14

F-KS-C-003-Rev 7, 04December2012

Pace Analytical

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 — 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

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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 HCl-SGT 1664~~	BOD SM 5210B		Residual Chlorine (Y/N)	60183519
1	TI-082	OT	G	12/1/14	0827	—	—		14	10	~~3~~	1	0					X	X	X	X	X	X	X	X	X	X	X	BP3U		2(AG4U) 2(AG3S) 2(BP2U)
2	TRIP BLANK	—	—	—	—	—	—		2	2															X						BP3U BP3S 5(VG4U)
3																															2(VG4U)
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	Brandon Sirsa / FEI	12/1/14	9:15	Dan 3045	12-1-14	0945				
SITE ADDRESS: BRIDGETON LF				[signature] / PASI	12/1/14	1350	12.3	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:	[signature]	DATE Signed: 12/1/14				

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December 10, 2014

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

RE: Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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,

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 T1-083
Pace Project No.: 60183611

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 T1-083
Pace Project No.: 60183611

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60183611001	**T1-083**	Water	12/02/14 07:07	12/03/14 02:35
60183611002	**TRIP BLANK**	Water	12/02/14 07:07	12/03/14 02:35

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60183611001	**T1-083**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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
60183611002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Sample: T1-083 **Lab ID: 60183611001** Collected: 12/02/14 07:07 Received: 12/03/14 02:35 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	**19500**	ug/L	375	1	12/05/14 00:00	12/08/14 15:36	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/05/14 00:00	12/08/14 15:36	7440-36-0	
Arsenic	**543**	ug/L	50.0	1	12/05/14 00:00	12/08/14 15:36	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/05/14 00:00	12/08/14 15:36	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/05/14 00:00	12/08/14 15:36	7440-43-9	
Chromium	**163**	ug/L	25.0	1	12/05/14 00:00	12/08/14 15:36	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/05/14 00:00	12/08/14 15:36	7440-48-4	
Copper	ND	ug/L	50.0	1	12/05/14 00:00	12/08/14 15:36	7440-50-8	
Iron	**489000**	ug/L	250	1	12/05/14 00:00	12/08/14 15:36	7439-89-6	
Lead	**79.6**	ug/L	25.0	1	12/05/14 00:00	12/08/14 15:36	7439-92-1	
Nickel	**67.3**	ug/L	25.0	1	12/05/14 00:00	12/08/14 15:36	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/05/14 00:00	12/08/14 15:36	7782-49-2	
Silver	ND	ug/L	35.0	1	12/05/14 00:00	12/08/14 15:36	7440-22-4	
Thallium	ND	ug/L	100	1	12/05/14 00:00	12/08/14 15:36	7440-28-0	
Zinc	**3900**	ug/L	250	1	12/05/14 00:00	12/08/14 15:36	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	12/08/14 09:05	12/08/14 19:44	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/08/14 09:05	12/08/14 19:44	7440-36-0	
Arsenic, Dissolved	**364**	ug/L	50.0	1	12/08/14 09:05	12/08/14 19:44	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/08/14 09:05	12/08/14 19:44	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/08/14 09:05	12/08/14 19:44	7440-43-9	
Chromium, Dissolved	**73.1**	ug/L	25.0	1	12/08/14 09:05	12/08/14 19:44	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/08/14 09:05	12/08/14 19:44	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/08/14 09:05	12/08/14 19:44	7440-50-8	
Iron, Dissolved	**44800**	ug/L	250	1	12/08/14 09:05	12/08/14 19:44	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/08/14 09:05	12/08/14 19:44	7439-92-1	
Nickel, Dissolved	**50.0**	ug/L	25.0	1	12/08/14 09:05	12/08/14 19:44	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/08/14 09:05	12/08/14 19:44	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/08/14 09:05	12/08/14 19:44	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/08/14 09:05	12/08/14 19:44	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/08/14 09:05	12/08/14 19:44	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	0.60	1	12/04/14 08:30	12/04/14 13:22	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	12/08/14 09:15	12/08/14 12:19	7439-97-6	M1
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	12/05/14 19:56	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/03/14 00:00	12/05/14 19:56	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/03/14 00:00	12/05/14 19:56		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Sample: T1-083 **Lab ID: 60183611001** Collected: 12/02/14 07:07 Received: 12/03/14 02:35 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	12/05/14 19:56	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	87-86-5	
Phenol	**3240**	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/03/14 00:00	12/05/14 19:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98	%	33-120	1	12/03/14 00:00	12/05/14 19:56	4165-60-0	
2-Fluorobiphenyl (S)	94	%	39-120	1	12/03/14 00:00	12/05/14 19:56	321-60-8	
Terphenyl-d14 (S)	93	%	45-120	1	12/03/14 00:00	12/05/14 19:56	1718-51-0	
Phenol-d6 (S)	37	%	11-120	1	12/03/14 00:00	12/05/14 19:56	13127-88-3	
2-Fluorophenol (S)	60	%	17-120	1	12/03/14 00:00	12/05/14 19:56	367-12-4	
2,4,6-Tribromophenol (S)	101	%	39-120	1	12/03/14 00:00	12/05/14 19:56	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**51000**	ug/L	1000	100		12/04/14 14:38	67-64-1	N2
Benzene	ND	ug/L	100	100		12/04/14 14:38	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/04/14 14:38	75-27-4	
Bromoform	ND	ug/L	100	100		12/04/14 14:38	75-25-2	
Bromomethane	ND	ug/L	500	100		12/04/14 14:38	74-83-9	
2-Butanone (MEK)	**20400**	ug/L	1000	100		12/04/14 14:38	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/04/14 14:38	56-23-5	
Chloroethane	ND	ug/L	100	100		12/04/14 14:38	75-00-3	
Chloroform	ND	ug/L	100	100		12/04/14 14:38	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/04/14 14:38	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/04/14 14:38	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/04/14 14:38	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/04/14 14:38	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/04/14 14:38	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/04/14 14:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/04/14 14:38	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/04/14 14:38	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/04/14 14:38	127-18-4	
Toluene	ND	ug/L	100	100		12/04/14 14:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/04/14 14:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/04/14 14:38	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/04/14 14:38	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/04/14 14:38	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/04/14 14:38	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	103	%	80-120	100		12/04/14 14:38	460-00-4	
Toluene-d8 (S)	96	%	80-120	100		12/04/14 14:38	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%	80-120	100		12/04/14 14:38	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/04/14 14:38		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**92.3**	mg/L	5.0	1		12/05/14 12:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Sample: T1-083 **Lab ID: 60183611001** Collected: 12/02/14 07:07 Received: 12/03/14 02:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**4840**	mg/L	5.0	1		12/03/14 17:44		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.5**	Std. Units	0.10	1		12/03/14 15:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**7840**	mg/L	2.0	1	12/03/14 09:28	12/08/14 10:21		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**57.2**	mg/L	5.0	50		12/04/14 10:39	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**21000**	mg/L	2500	250		12/09/14 12:28		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Sample: TRIP BLANK **Lab ID: 60183611002** Collected: 12/02/14 07:07 Received: 12/03/14 02:35 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 16:46	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/04/14 16:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/04/14 16:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/04/14 16:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/04/14 16:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/04/14 16:46	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/04/14 16:46	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/04/14 16:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/04/14 16:46	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/04/14 16:46	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/04/14 16:46	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/04/14 16:46	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/04/14 16:46	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/04/14 16:46	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/04/14 16:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/04/14 16:46	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/04/14 16:46	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/04/14 16:46	127-18-4	
Toluene	ND	ug/L	1.0	1		12/04/14 16:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/04/14 16:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/04/14 16:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/04/14 16:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/04/14 16:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/04/14 16:46	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	97	%	80-120	1		12/04/14 16:46	460-00-4	
Toluene-d8 (S)	103	%	80-120	1		12/04/14 16:46	2037-26-5	
1,2-Dichloroethane-d4 (S)	101	%	80-120	1		12/04/14 16:46	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/04/14 16:46		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: MERP/9113 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60183611001

METHOD BLANK: 1488291 | Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/04/14 13:18	

LABORATORY CONTROL SAMPLE: 1488292

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: 1488293 1488294

Parameter	Units	60183611001 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	15	15	9.1	8.6	60	58	70-130	5	20	M1

MATRIX SPIKE SAMPLE: 1488295

Parameter	Units	60183586001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	4.0	81	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: MERP/9118
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60183611001

METHOD BLANK: 1490256
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/08/14 12:15	

LABORATORY CONTROL SAMPLE: 1490257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1490258 1490259

Parameter	Units	60183611001 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	82.5	79.2	55	53	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: MPRP/30057
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60183611001

METHOD BLANK: 1489182
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/08/14 15:32	
Antimony	ug/L	ND	10.0	12/08/14 15:32	
Arsenic	ug/L	ND	10.0	12/08/14 15:32	
Beryllium	ug/L	ND	1.0	12/08/14 15:32	
Cadmium	ug/L	ND	5.0	12/08/14 15:32	
Chromium	ug/L	ND	5.0	12/08/14 15:32	
Cobalt	ug/L	ND	5.0	12/08/14 15:32	
Copper	ug/L	ND	10.0	12/08/14 15:32	
Iron	ug/L	ND	50.0	12/08/14 15:32	
Lead	ug/L	ND	5.0	12/08/14 15:32	
Nickel	ug/L	ND	5.0	12/08/14 15:32	
Selenium	ug/L	ND	15.0	12/08/14 15:32	
Silver	ug/L	ND	7.0	12/08/14 15:32	
Thallium	ug/L	ND	20.0	12/08/14 15:32	
Zinc	ug/L	ND	50.0	12/08/14 15:32	

LABORATORY CONTROL SAMPLE: 1489183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10200	102	85-115	
Antimony	ug/L	1000	1040	104	85-115	
Arsenic	ug/L	1000	1020	102	85-115	
Beryllium	ug/L	1000	1010	101	85-115	
Cadmium	ug/L	1000	1030	103	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	1050	105	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	9940	99	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	510	102	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1020	102	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

MATRIX SPIKE SAMPLE: 1489184

Parameter	Units	60183601001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	83.0	10000	10200	101	70-130	
Antimony	ug/L	ND	1000	1040	104	70-130	
Arsenic	ug/L	ND	1000	1010	101	70-130	
Beryllium	ug/L	ND	1000	1000	100	70-130	
Cadmium	ug/L	ND	1000	1020	102	70-130	
Chromium	ug/L	ND	1000	1000	100	70-130	
Cobalt	ug/L	ND	1000	1040	103	70-130	
Copper	ug/L	ND	1000	1020	102	70-130	
Iron	ug/L	117	10000	9840	97	70-130	
Lead	ug/L	ND	1000	998	100	70-130	
Nickel	ug/L	ND	1000	1020	102	70-130	
Selenium	ug/L	ND	1000	997	100	70-130	
Silver	ug/L	ND	500	510	102	70-130	
Thallium	ug/L	ND	1000	1000	100	70-130	
Zinc	ug/L	ND	1000	991	98	70-130	

MATRIX SPIKE SAMPLE: 1489185

Parameter	Units	60183671001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	2.1 mg/L	10000	12200	101	70-130	
Antimony	ug/L	0.013 mg/L	1000	1040	103	70-130	
Arsenic	ug/L	ND	1000	1030	103	70-130	
Beryllium	ug/L	ND	1000	998	100	70-130	
Cadmium	ug/L	ND	1000	1020	102	70-130	
Chromium	ug/L	0.020 mg/L	1000	1030	101	70-130	
Cobalt	ug/L	ND	1000	1020	101	70-130	
Copper	ug/L	0.18 mg/L	1000	1180	100	70-130	
Iron	ug/L	4.1 mg/L	10000	13500	95	70-130	
Lead	ug/L	1.0 mg/L	1000	1930	93	70-130	
Nickel	ug/L	0.017 mg/L	1000	1020	100	70-130	
Selenium	ug/L	ND	1000	1020	102	70-130	
Silver	ug/L	ND	500	517	103	70-130	
Thallium	ug/L	ND	1000	910	91	70-130	
Zinc	ug/L	0.66 mg/L	1000	1630	97	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: MPRP/30068
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60183611001

METHOD BLANK: 1490188
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/08/14 19:40	
Antimony, Dissolved	ug/L	ND	10.0	12/08/14 19:40	
Arsenic, Dissolved	ug/L	ND	10.0	12/08/14 19:40	
Beryllium, Dissolved	ug/L	ND	1.0	12/08/14 19:40	
Cadmium, Dissolved	ug/L	ND	5.0	12/08/14 19:40	
Chromium, Dissolved	ug/L	ND	5.0	12/08/14 19:40	
Cobalt, Dissolved	ug/L	ND	5.0	12/08/14 19:40	
Copper, Dissolved	ug/L	ND	10.0	12/08/14 19:40	
Iron, Dissolved	ug/L	ND	50.0	12/08/14 19:40	
Lead, Dissolved	ug/L	ND	5.0	12/08/14 19:40	
Nickel, Dissolved	ug/L	ND	5.0	12/08/14 19:40	
Selenium, Dissolved	ug/L	ND	15.0	12/08/14 19:40	
Silver, Dissolved	ug/L	ND	7.0	12/08/14 19:40	
Thallium, Dissolved	ug/L	ND	20.0	12/08/14 19:40	
Zinc, Dissolved	ug/L	ND	50.0	12/08/14 19:40	

LABORATORY CONTROL SAMPLE: 1490189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	10300	103	85-115	
Antimony, Dissolved	ug/L	1000	1000	100	85-115	
Arsenic, Dissolved	ug/L	1000	980	98	85-115	
Beryllium, Dissolved	ug/L	1000	985	99	85-115	
Cadmium, Dissolved	ug/L	1000	1000	100	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1020	102	85-115	
Copper, Dissolved	ug/L	1000	997	100	85-115	
Iron, Dissolved	ug/L	10000	9180	92	85-115	
Lead, Dissolved	ug/L	1000	1060	106	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	1000	100	85-115	
Silver, Dissolved	ug/L	500	482	96	85-115	
Thallium, Dissolved	ug/L	1000	1010	101	85-115	
Zinc, Dissolved	ug/L	1000	1040	104	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1490190 1490191

Parameter	Units	60183611001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	50700	52200	101	104	70-130	3	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5000	5100	100	102	70-130	2	20	
Arsenic, Dissolved	ug/L	364	5000	5000	5300	5400	99	101	70-130	2	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4840	4930	97	99	70-130	2	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	4980	5080	100	102	70-130	2	20	
Chromium, Dissolved	ug/L	73.1	5000	5000	5050	5160	100	102	70-130	2	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4860	4950	97	99	70-130	2	20	
Copper, Dissolved	ug/L	ND	5000	5000	4860	4960	97	99	70-130	2	20	
Iron, Dissolved	ug/L	44800	50000	50000	87400	90800	85	92	70-130	4	20	
Lead, Dissolved	ug/L	ND	5000	5000	5000	5070	100	101	70-130	1	20	
Nickel, Dissolved	ug/L	50.0	5000	5000	5000	5090	99	101	70-130	2	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5120	5230	102	104	70-130	2	20	
Silver, Dissolved	ug/L	ND	2500	2500	2440	2490	97	99	70-130	2	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4560	4650	91	93	70-130	2	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5060	5150	100	102	70-130	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: MSV/66173 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60183611001, 60183611002

METHOD BLANK: 1488338 | Matrix: Water
Associated Lab Samples: 60183611001, 60183611002

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 T1-083
Pace Project No.: 60183611

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 T1-083
Pace Project No.: 60183611

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 T1-083
Pace Project No.: 60183611

QC Batch: OEXT/47362
QC Batch Method: EPA 625
Analysis Method: EPA 625
Analysis Description: 625 MSS
Associated Lab Samples: 60183611001

METHOD BLANK: 1487929
Matrix: Water
Associated Lab Samples: 60183611001

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 T1-083
Pace Project No.: 60183611

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 T1-083
Pace Project No.: 60183611

QC Batch: WET/51875
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60183611001

METHOD BLANK: 1489059
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/05/14 12:37	

LABORATORY CONTROL SAMPLE: 1489060

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: 1489061

Parameter	Units	60183270001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	34.0	44.9	68.0	76	78-114	M1

SAMPLE DUPLICATE: 1489062

Parameter	Units	60183270002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	8.1	8.6	5	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: WET/51860
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60183611001

METHOD BLANK: 1488146
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/03/14 17:40	

SAMPLE DUPLICATE: 1488147

Parameter	Units	60183633001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	128	144	12	10	D6

SAMPLE DUPLICATE: 1488148

Parameter	Units	60183586001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	540	528	2	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: WET/51856
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60183611001

SAMPLE DUPLICATE: 1488074

Parameter	Units	60183633001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.3	8.3	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: WET/51844
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60183611001

METHOD BLANK: 1487644
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/08/14 10:07	

LABORATORY CONTROL SAMPLE: 1487645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	184	93	85-115	

SAMPLE DUPLICATE: 1487646

Parameter	Units	60183611001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	7840	8310	6	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: WETA/32043
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60183611001

METHOD BLANK: 1488297
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/04/14 10:06	

LABORATORY CONTROL SAMPLE: 1488298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	103	90-110	

MATRIX SPIKE SAMPLE: 1488299

Parameter	Units	60183393001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.43	2	2.4	98	90-110	

MATRIX SPIKE SAMPLE: 1488300

Parameter	Units	60183397001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.4	120	90-110	M1

SAMPLE DUPLICATE: 1488301

Parameter	Units	60183454001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.94	0.93	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

QC Batch: WETA/32087
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Associated Lab Samples: 60183611001

METHOD BLANK: 1490238
Matrix: Water
Associated Lab Samples: 60183611001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/09/14 12:23	

LABORATORY CONTROL SAMPLE: 1490239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	47.6	95	90-110	

MATRIX SPIKE SAMPLE: 1490240

Parameter	Units	60183630001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	54.8	50	107	104	90-110	

MATRIX SPIKE SAMPLE: 1490243

Parameter	Units	60183601001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	11.0	50	61.4	101	90-110	

SAMPLE DUPLICATE: 1490241

Parameter	Units	60183630003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	46.3	47.5	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-083
Pace Project No.: 60183611

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60183611001	**T1-083**	EPA 200.7	MPRP/30057	EPA 200.7	ICP/22489
60183611001	**T1-083**	EPA 200.7	MPRP/30068	EPA 200.7	ICP/22497
60183611001	**T1-083**	EPA 245.1	MERP/9113	EPA 245.1	MERC/9067
60183611001	**T1-083**	EPA 245.1	MERP/9118	EPA 245.1	MERC/9071
60183611001	**T1-083**	EPA 625	OEXT/47362	EPA 625	MSSV/15277
60183611001	**T1-083**	EPA 624 Low	MSV/66173		
60183611002	**TRIP BLANK**	EPA 624 Low	MSV/66173		
60183611001	**T1-083**	EPA 1664A	WET/51875		
60183611001	**T1-083**	SM 2540D	WET/51860		
60183611001	**T1-083**	SM 4500-H+B	WET/51856		
60183611001	**T1-083**	SM 5210B	WET/51844	SM 5210B	WET/51923
60183611001	**T1-083**	EPA 350.1	WETA/32043		
60183611001	**T1-083**	EPA 410.4	WETA/32087		

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Sample Condition Upon Receipt

WO# : 60183611

60183611

Client Name: Burr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☑ X

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 ☑ Bubble

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

Cooler Temperature: 1.9

Temperature should be above freezing to 6°C

Date and Initials of person examining contents: BB 12/3/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.	
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.	
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.	
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.	
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.	
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6.	BOD pH
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.	
Sufficient volume:	☑Yes	☐No	☐N/A	8.	
Correct containers used:	☑Yes	☐No	☐N/A		
Pace containers used:	☑Yes	☐No	☐N/A	9.	
Containers intact:	☑Yes	☐No	☐N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.	
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.	
Sample labels match COC:	☑Yes	☐No	☐N/A		
Includes date/time/ID/analyses ✓ Matrix: water				13.	
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A		BP3S = 6.0 pH No adjust
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	14.	BP3N = initial 6.0 → final 3.0
Exceptions: VOA coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No		Initial when completed BJB	Lot # of added preservative 12513-3770
Trip Blank present:	☑Yes	☐No	☐N/A		
Pace Trip Blank lot # (if purchased): Correct				15.	
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A	16.	
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑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: _____

Pace Analytical

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 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

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: 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 1664	BOD SM 5210B		Residual Chlorine (Y/N)	60183611
1	2(BP2U) TI-083 1(BP3U) 1(BP3S) 1(BP3N) 6.0 3.0	OT	G	12/2/14	0705	—	—		14	10	4	1	0	2	(AG4U)			X	X	X	X	X	X	X	X	X	X	2	(AG3S) 5(VOA9U)		
2	TRIP BLANK	—	—	—	—	—	—		2	2										2	DG9U				X						
3																															
4																															
5																															
6																														METALS LIST total & LF Dis:	
7																														Al,Sb,As,Be,Cd,Cr,	
8																														Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn	
9																														and Mercury	
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	BRANDON SYRIA / FEI	12/2/14	1215	[illegible] 4218	12/2/14	1215				
SITE ADDRESS: BRIDGETON LF				[illegible]	12/3/14	0275	1.9	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: 12/2/14				

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December 23, 2014

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

RE: Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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 LANDFILL COMMINGLED
Pace Project No.: 60184193

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

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SAMPLE SUMMARY

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184193001	**DECEMBER 2014 TCLP**	Water	12/08/14 15:30	12/10/14 02:20
60184193002	**TRIP BLANK**	Water	12/08/14 15:30	12/10/14 02:20

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60184193001	**DECEMBER 2014 TCLP**	EPA 8081	PMS	9	PASI-D
		EPA 8151	PMS	3	PASI-D
		EPA 6010	JGP	7	PASI-K
		EPA 7470	NDJ	1	PASI-K
		EPA 8270	JMT	18	PASI-K
		EPA 8260	PRG	13	PASI-K
		EPA 5030B/8260	PRG	28	PASI-K
		EPA 1664A	CRT	1	PASI-K
		SM 2540B	JML	1	PASI-K
60184193002	**TRIP BLANK**	EPA 5030B/8260	PRG	28	PASI-K

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PROJECT NARRATIVE

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Date: December 23, 2014

Amended report revised 12/23/14 to correct for the volatile list as site specific compound list.

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ANALYTICAL RESULTS

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Sample: DECEMBER 2014 TCLP **Lab ID: 60184193001** Collected: 12/08/14 15:30 Received: 12/10/14 02:20 Matrix: Water

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; 12/10/14 15:15							
gamma-BHC (Lindane)	ND	mg/L	0.000010	1	12/18/14 10:00	12/18/14 17:49	58-89-9	
Chlordane (Technical)	ND	mg/L	0.00010	1	12/18/14 10:00	12/18/14 17:49	57-74-9	
Endrin	ND	mg/L	0.000010	1	12/18/14 10:00	12/18/14 17:49	72-20-8	
Heptachlor	ND	mg/L	0.000010	1	12/18/14 10:00	12/18/14 17:49	76-44-8	
Heptachlor epoxide	ND	mg/L	0.000010	1	12/18/14 10:00	12/18/14 17:49	1024-57-3	
Methoxychlor	ND	mg/L	0.000010	1	12/18/14 10:00	12/18/14 17:49	72-43-5	
Toxaphene	ND	mg/L	0.00030	1	12/18/14 10:00	12/18/14 17:49	8001-35-2	
Surrogates								
Decachlorobiphenyl (S)	72	%.	40-140	1	12/18/14 10:00	12/18/14 17:49	2051-24-3	
Tetrachloro-m-xylene (S)	115	%.	40-140	1	12/18/14 10:00	12/18/14 17:49	877-09-8	
8151 Chlorinate Herbicide TCLP	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
	Leachate Method/Date: EPA 1311; 12/10/14 15:15							
2,4-D	ND	mg/L	0.00050	1	12/17/14 14:00	12/18/14 18:25	94-75-7	
2,4,5-TP (Silvex)	ND	mg/L	0.00050	1	12/17/14 14:00	12/18/14 18:25	93-72-1	
Surrogates								
2,4-DCAA (S)	57	%.	40-140	1	12/17/14 14:00	12/18/14 18:25	19719-28-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 12/10/14 00:00							
Arsenic	ND	mg/L	0.50	1	12/11/14 15:10	12/15/14 12:07	7440-38-2	
Barium	ND	mg/L	2.5	1	12/11/14 15:10	12/15/14 12:07	7440-39-3	
Cadmium	ND	mg/L	0.050	1	12/11/14 15:10	12/15/14 12:07	7440-43-9	
Chromium	ND	mg/L	0.10	1	12/11/14 15:10	12/15/14 12:07	7440-47-3	
Lead	ND	mg/L	0.50	1	12/11/14 15:10	12/15/14 12:07	7439-92-1	
Selenium	ND	mg/L	0.50	1	12/11/14 15:10	12/15/14 12:07	7782-49-2	
Silver	ND	mg/L	0.10	1	12/11/14 15:10	12/15/14 12:07	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 12/10/14 00:00							
Mercury	ND	mg/L	0.0020	1	12/11/14 15:15	12/12/14 11:25	7439-97-6	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Leachate Method/Date: EPA 1311; 12/10/14 00:00							
1,4-Dichlorobenzene	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	87-68-3	
Hexachlorobenzene	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	118-74-1	
Hexachloroethane	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	**3990**	ug/L	800	1	12/15/14 00:00	12/15/14 18:27		
Nitrobenzene	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	98-95-3	
Pentachlorophenol	ND	ug/L	2000	1	12/15/14 00:00	12/15/14 18:27	87-86-5	
Pyridine	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	2000	1	12/15/14 00:00	12/15/14 18:27	95-95-4	

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ANALYTICAL RESULTS

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Sample: DECEMBER 2014 TCLP **Lab ID: 60184193001** Collected: 12/08/14 15:30 Received: 12/10/14 02:20 Matrix: Water

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; 12/10/14 00:00							
2,4,6-Trichlorophenol	ND	ug/L	400	1	12/15/14 00:00	12/15/14 18:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	129	%	60-113	1	12/15/14 00:00	12/15/14 18:27	4165-60-0	1e,S0
2-Fluorobiphenyl (S)	91	%	64-106	1	12/15/14 00:00	12/15/14 18:27	321-60-8	
Terphenyl-d14 (S)	94	%	71-111	1	12/15/14 00:00	12/15/14 18:27	1718-51-0	
Phenol-d6 (S)	101	%	46-108	1	12/15/14 00:00	12/15/14 18:27	13127-88-3	
2-Fluorophenol (S)	99	%	48-101	1	12/15/14 00:00	12/15/14 18:27	367-12-4	
2,4,6-Tribromophenol (S)	114	%	54-119	1	12/15/14 00:00	12/15/14 18:27	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 12/10/14 00:00							
Benzene	ND	ug/L	500	10		12/12/14 11:16	71-43-2	
2-Butanone (MEK)	**32600**	ug/L	10000	10		12/12/14 11:16	78-93-3	
Carbon tetrachloride	ND	ug/L	500	10		12/12/14 11:16	56-23-5	
Chlorobenzene	ND	ug/L	500	10		12/12/14 11:16	108-90-7	
Chloroform	ND	ug/L	2000	10		12/12/14 11:16	67-66-3	
1,2-Dichloroethane	ND	ug/L	500	10		12/12/14 11:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	10		12/12/14 11:16	75-35-4	
Tetrachloroethene	ND	ug/L	500	10		12/12/14 11:16	127-18-4	
Trichloroethene	ND	ug/L	500	10		12/12/14 11:16	79-01-6	
Vinyl chloride	ND	ug/L	200	10		12/12/14 11:16	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	82-123	10		12/12/14 11:16	17060-07-0	
Toluene-d8 (S)	99	%	80-120	10		12/12/14 11:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	10		12/12/14 11:16	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**94300**	ug/L	2000	200		12/12/14 14:13	67-64-1	
Benzene	**883**	ug/L	200	200		12/12/14 14:13	71-43-2	
Bromodichloromethane	ND	ug/L	200	200		12/12/14 14:13	75-27-4	
Bromoform	ND	ug/L	200	200		12/12/14 14:13	75-25-2	
Bromomethane	ND	ug/L	1000	200		12/12/14 14:13	74-83-9	
2-Butanone (MEK)	**56600**	ug/L	2000	200		12/12/14 14:13	78-93-3	
Carbon tetrachloride	ND	ug/L	200	200		12/12/14 14:13	56-23-5	
Chloroethane	ND	ug/L	200	200		12/12/14 14:13	75-00-3	
Chloroform	ND	ug/L	200	200		12/12/14 14:13	67-66-3	
1,4-Dichlorobenzene	**920**	ug/L	200	200		12/12/14 14:13	106-46-7	
1,2-Dichloroethane	ND	ug/L	200	200		12/12/14 14:13	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	200	200		12/12/14 14:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	200	200		12/12/14 14:13	156-60-5	
Ethylbenzene	**323**	ug/L	200	200		12/12/14 14:13	100-41-4	
Methylene chloride	ND	ug/L	200	200		12/12/14 14:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2000	200		12/12/14 14:13	108-10-1	
1,1,2,2-Tetrachloroethane	ND	ug/L	200	200		12/12/14 14:13	79-34-5	
Tetrachloroethene	ND	ug/L	200	200		12/12/14 14:13	127-18-4	
Toluene	**318**	ug/L	200	200		12/12/14 14:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	200	200		12/12/14 14:13	71-55-6	

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ANALYTICAL RESULTS

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Sample: DECEMBER 2014 TCLP **Lab ID: 60184193001** Collected: 12/08/14 15:30 Received: 12/10/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,2-Trichloroethane	ND	ug/L	200	200		12/12/14 14:13	79-00-5	
Trichloroethene	ND	ug/L	200	200		12/12/14 14:13	79-01-6	
Vinyl chloride	ND	ug/L	200	200		12/12/14 14:13	75-01-4	
Xylene (Total)	**1060**	ug/L	600	200		12/12/14 14:13	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	98	%	80-120	200		12/12/14 14:13	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	80-120	200		12/12/14 14:13	17060-07-0	
Toluene-d8 (S)	98	%	80-120	200		12/12/14 14:13	2037-26-5	
Preservation pH	**7.0**		0.10	200		12/12/14 14:13		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**160**	mg/L	5.0	1		12/17/14 09:17		
2540B Total Solids	Analytical Method: SM 2540B							
Total Solids	**24600**	mg/L	5.0	1		12/15/14 12:57		

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ANALYTICAL RESULTS

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Sample: TRIP BLANK **Lab ID: 60184193002** Collected: 12/08/14 15:30 Received: 12/10/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	10.0	1		12/12/14 12:53	67-64-1	
Benzene	ND	ug/L	1.0	1		12/12/14 12:53	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/12/14 12:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/12/14 12:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/12/14 12:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/12/14 12:53	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/12/14 12:53	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/12/14 12:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/12/14 12:53	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/12/14 12:53	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/12/14 12:53	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 12:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 12:53	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/12/14 12:53	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/12/14 12:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/12/14 12:53	108-10-1	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/12/14 12:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/12/14 12:53	127-18-4	
Toluene	ND	ug/L	1.0	1		12/12/14 12:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/12/14 12:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/12/14 12:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/12/14 12:53	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/12/14 12:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/12/14 12:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	1		12/12/14 12:53	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		12/12/14 12:53	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		12/12/14 12:53	2037-26-5	
Preservation pH	**7.0**		0.10	1		12/12/14 12:53		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: MERP/9136
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60184193001

METHOD BLANK: 1492692
Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	12/12/14 10:45	

LABORATORY CONTROL SAMPLE: 1492693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0048	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492694 1492695

Parameter	Units	60183737001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.015	.015	ND	ND	3	3	75-125		20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: MPRP/30132
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60184193001

METHOD BLANK: 1492667
Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	12/15/14 11:08	
Barium	mg/L	ND	2.5	12/15/14 11:08	
Cadmium	mg/L	ND	0.050	12/15/14 11:08	
Chromium	mg/L	ND	0.10	12/15/14 11:08	
Lead	mg/L	ND	0.50	12/15/14 11:08	
Selenium	mg/L	ND	0.50	12/15/14 11:08	
Silver	mg/L	ND	0.10	12/15/14 11:08	

LABORATORY CONTROL SAMPLE: 1492668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.95	95	80-120	
Barium	mg/L	1	0.98	98	80-120	
Cadmium	mg/L	1	0.97	97	80-120	
Chromium	mg/L	1	0.97	97	80-120	
Lead	mg/L	1	0.99	99	80-120	
Selenium	mg/L	1	0.94	94	80-120	
Silver	mg/L	.5	0.47	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492669 1492670

Parameter	Units	60183737001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	10	10	10	9.8	100	98	75-125	2	20	
Barium	mg/L	ND	10	10	10.0	9.8	100	98	75-125	2	20	
Cadmium	mg/L	ND	10	10	9.9	9.8	99	98	75-125	2	20	
Chromium	mg/L	ND	10	10	10.2	9.9	102	99	75-125	2	20	
Lead	mg/L	ND	10	10	10	9.8	100	98	75-125	2	20	
Selenium	mg/L	ND	10	10	10.0	9.8	100	98	75-125	2	20	
Silver	mg/L	ND	5	5	4.8	4.7	96	94	75-125	2	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: MSV/66423 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60184193001

METHOD BLANK: 1493010 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	12/12/14 10:44	
1,2-Dichloroethane	ug/L	ND	50.0	12/12/14 10:44	
2-Butanone (MEK)	ug/L	ND	1000	12/12/14 10:44	
Benzene	ug/L	ND	50.0	12/12/14 10:44	
Carbon tetrachloride	ug/L	ND	50.0	12/12/14 10:44	
Chlorobenzene	ug/L	ND	50.0	12/12/14 10:44	
Chloroform	ug/L	ND	200	12/12/14 10:44	
Tetrachloroethene	ug/L	ND	50.0	12/12/14 10:44	
Trichloroethene	ug/L	ND	50.0	12/12/14 10:44	
Vinyl chloride	ug/L	ND	20.0	12/12/14 10:44	
1,2-Dichloroethane-d4 (S)	%	97	82-123	12/12/14 10:44	
4-Bromofluorobenzene (S)	%	97	80-120	12/12/14 10:44	
Toluene-d8 (S)	%	100	80-120	12/12/14 10:44	

LABORATORY CONTROL SAMPLE: 1493011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	200	195	98	65-129	
1,2-Dichloroethane	ug/L	200	201	100	76-122	
2-Butanone (MEK)	ug/L	1000	935J	93	66-122	
Benzene	ug/L	200	201	100	75-119	
Carbon tetrachloride	ug/L	200	208	104	68-135	
Chlorobenzene	ug/L	200	205	103	77-117	
Chloroform	ug/L	200	208	104	72-125	
Tetrachloroethene	ug/L	200	205	103	69-125	
Trichloroethene	ug/L	200	206	103	73-124	
Vinyl chloride	ug/L	200	210	105	53-137	
1,2-Dichloroethane-d4 (S)	%			98	82-123	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1493012

Parameter	Units	60183737005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	10000	ND	0	57-126	M1
1,2-Dichloroethane	ug/L	ND	10000	ND	0	71-122	M1
2-Butanone (MEK)	ug/L	ND	50000	ND	-1	54-129	M1
Benzene	ug/L	ND	10000	ND	0	56-133	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

MATRIX SPIKE SAMPLE: 1493012

Parameter	Units	60183737005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	ND	10000	ND	0	67-126	M1
Chlorobenzene	ug/L	ND	10000	ND	0	74-112	M1
Chloroform	ug/L	ND	10000	ND	0	71-120	M1
Tetrachloroethene	ug/L	ND	10000	ND	0	67-119	M1
Trichloroethene	ug/L	ND	10000	ND	0	71-117	M1
Vinyl chloride	ug/L	ND	10000	ND	0	42-129	M1
1,2-Dichloroethane-d4 (S)	%				106	82-123	
4-Bromofluorobenzene (S)	%				68	80-120	2e,S0
Toluene-d8 (S)	%				88	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: MSV/66426 | Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 | Analysis Description: 8260 MSV Water 7 day
Associated Lab Samples: 60184193001, 60184193002

METHOD BLANK: 1493017 | Matrix: Water
Associated Lab Samples: 60184193001, 60184193002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/12/14 10:23	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/12/14 10:23	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/12/14 10:23	
1,2-Dichloroethane	ug/L	ND	1.0	12/12/14 10:23	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/12/14 10:23	
2-Butanone (MEK)	ug/L	ND	10.0	12/12/14 10:23	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/12/14 10:23	
Acetone	ug/L	ND	10.0	12/12/14 10:23	
Benzene	ug/L	ND	1.0	12/12/14 10:23	
Bromodichloromethane	ug/L	ND	1.0	12/12/14 10:23	
Bromoform	ug/L	ND	1.0	12/12/14 10:23	
Bromomethane	ug/L	ND	5.0	12/12/14 10:23	
Carbon tetrachloride	ug/L	ND	1.0	12/12/14 10:23	
Chloroethane	ug/L	ND	1.0	12/12/14 10:23	
Chloroform	ug/L	ND	1.0	12/12/14 10:23	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 10:23	
Ethylbenzene	ug/L	ND	1.0	12/12/14 10:23	
Methylene chloride	ug/L	ND	1.0	12/12/14 10:23	
Tetrachloroethene	ug/L	ND	1.0	12/12/14 10:23	
Toluene	ug/L	ND	1.0	12/12/14 10:23	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 10:23	
Trichloroethene	ug/L	ND	1.0	12/12/14 10:23	
Vinyl chloride	ug/L	ND	1.0	12/12/14 10:23	
Xylene (Total)	ug/L	ND	3.0	12/12/14 10:23	
1,2-Dichloroethane-d4 (S)	%	98	80-120	12/12/14 10:23	
4-Bromofluorobenzene (S)	%	98	80-120	12/12/14 10:23	
Toluene-d8 (S)	%	100	80-120	12/12/14 10:23	

LABORATORY CONTROL SAMPLE: 1493018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.1	106	80-120	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	99	73-121	
1,1,2-Trichloroethane	ug/L	20	20.7	104	80-120	
1,2-Dichloroethane	ug/L	20	20.1	100	81-120	
1,4-Dichlorobenzene	ug/L	20	21.0	105	80-120	
2-Butanone (MEK)	ug/L	100	93.5	93	67-122	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.8	98	76-120	
Acetone	ug/L	100	95.0	95	72-120	
Benzene	ug/L	20	20.1	100	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

LABORATORY CONTROL SAMPLE: 1493018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	21.3	106	80-120	
Bromoform	ug/L	20	20.8	104	73-138	
Bromomethane	ug/L	20	16.1	80	38-137	
Carbon tetrachloride	ug/L	20	20.8	104	67-146	
Chloroethane	ug/L	20	17.1	85	76-120	
Chloroform	ug/L	20	20.8	104	80-120	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	80-120	
Ethylbenzene	ug/L	20	20.5	102	80-120	
Methylene chloride	ug/L	20	20.3	101	80-120	
Tetrachloroethene	ug/L	20	20.5	103	80-123	
Toluene	ug/L	20	20.2	101	80-120	
trans-1,2-Dichloroethene	ug/L	20	20.5	102	80-120	
Trichloroethene	ug/L	20	20.6	103	80-120	
Vinyl chloride	ug/L	20	21.0	105	62-125	
Xylene (Total)	ug/L	60	62.1	104	80-120	
1,2-Dichloroethane-d4 (S)	%			98	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: OEXT/5238 | Analysis Method: EPA 8081
QC Batch Method: EPA 3510 | Analysis Description: 8081 GCS TCLP Pesticides
Associated Lab Samples: 60184193001

METHOD BLANK: 112872 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlordane (Technical)	mg/L	ND	0.000010	12/18/14 15:41	
Endrin	mg/L	ND	0.0000010	12/18/14 15:41	
gamma-BHC (Lindane)	mg/L	ND	0.0000010	12/18/14 15:41	
Heptachlor	mg/L	ND	0.0000010	12/18/14 15:41	
Heptachlor epoxide	mg/L	ND	0.0000010	12/18/14 15:41	
Methoxychlor	mg/L	ND	0.0000010	12/18/14 15:41	
Toxaphene	mg/L	ND	0.000030	12/18/14 15:41	
Decachlorobiphenyl (S)	%.	98	40-140	12/18/14 15:41	
Tetrachloro-m-xylene (S)	%.	112	40-140	12/18/14 15:41	

LABORATORY CONTROL SAMPLE: 112873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/L	.001	0.0011	108	40-140	
gamma-BHC (Lindane)	mg/L	.001	0.0011	113	40-140	
Heptachlor	mg/L	.001	0.0012	118	40-140	
Heptachlor epoxide	mg/L	.001	0.0011	107	40-140	
Methoxychlor	mg/L	.001	0.0011	106	40-140	
Decachlorobiphenyl (S)	%.			87	40-140	
Tetrachloro-m-xylene (S)	%.			103	40-140	

MATRIX SPIKE SAMPLE: 112874

Parameter	Units	7521374001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Endrin	mg/L	ND	.01	0.010	104	40-140	
gamma-BHC (Lindane)	mg/L	ND	.01	0.011	115	40-140	
Heptachlor	mg/L	ND	.01	0.011	106	40-140	
Heptachlor epoxide	mg/L	ND	.01	0.0095	95	40-140	
Methoxychlor	mg/L	ND	.01	0.0099	99	40-140	
Decachlorobiphenyl (S)	%.				88	40-140	
Tetrachloro-m-xylene (S)	%.				101	40-140	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: OEXT/5230 | Analysis Method: EPA 8151
QC Batch Method: EPA 8151 | Analysis Description: 8151 GCS TCLP Herbicides
Associated Lab Samples: 60184193001

METHOD BLANK: 112593 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-TP (Silvex)	mg/L	ND	0.000050	12/18/14 15:15	
2,4-D	mg/L	ND	0.000050	12/18/14 15:15	
2,4-DCAA (S)	%.	75	40-140	12/18/14 15:15	

LABORATORY CONTROL SAMPLE: 112594

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-TP (Silvex)	mg/L	.002	0.0019	95	76-145	
2,4-D	mg/L	.002	0.0020	101	67-148	
2,4-DCAA (S)	%.			98	40-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112595 112596

Parameter	Units	7521374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,5-TP (Silvex)	mg/L	ND	.02	.02	0.022	0.023	112	114	10-140	2	40	
2,4-D	mg/L	ND	.02	.02	0.021	0.021	105	106	40-140	1	40	
2,4-DCAA (S)	%.						121	127	40-140			

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: OEXT/47493 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60184193001

METHOD BLANK: 1494411 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	12/15/14 16:42	
2,4,5-Trichlorophenol	ug/L	ND	500	12/15/14 16:42	
2,4,6-Trichlorophenol	ug/L	ND	100	12/15/14 16:42	
2,4-Dinitrotoluene	ug/L	ND	100	12/15/14 16:42	
2-Methylphenol(o-Cresol)	ug/L	ND	100	12/15/14 16:42	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	12/15/14 16:42	
Hexachloro-1,3-butadiene	ug/L	ND	100	12/15/14 16:42	
Hexachlorobenzene	ug/L	ND	100	12/15/14 16:42	
Hexachloroethane	ug/L	ND	100	12/15/14 16:42	
Nitrobenzene	ug/L	ND	100	12/15/14 16:42	
Pentachlorophenol	ug/L	ND	500	12/15/14 16:42	
Pyridine	ug/L	ND	100	12/15/14 16:42	
2,4,6-Tribromophenol (S)	%	97	54-119	12/15/14 16:42	
2-Fluorobiphenyl (S)	%	88	64-106	12/15/14 16:42	
2-Fluorophenol (S)	%	84	48-101	12/15/14 16:42	
Nitrobenzene-d5 (S)	%	97	60-113	12/15/14 16:42	
Phenol-d6 (S)	%	86	46-108	12/15/14 16:42	
Terphenyl-d14 (S)	%	93	71-111	12/15/14 16:42	

LABORATORY CONTROL SAMPLE: 1494412

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	383	77	53-102	
2,4,5-Trichlorophenol	ug/L	500	453J	91	57-124	
2,4,6-Trichlorophenol	ug/L	500	437	87	54-120	
2,4-Dinitrotoluene	ug/L	500	283	57	44-105	
2-Methylphenol(o-Cresol)	ug/L	500	404	81	50-107	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	807	81	47-112	
Hexachloro-1,3-butadiene	ug/L	500	384	77	46-107	
Hexachlorobenzene	ug/L	500	438	88	57-107	
Hexachloroethane	ug/L	500	348	70	41-104	
Nitrobenzene	ug/L	500	466	93	53-111	
Pentachlorophenol	ug/L	500	452J	90	34-144	
Pyridine	ug/L	500	388	78	10-116	
2,4,6-Tribromophenol (S)	%			88	54-119	
2-Fluorobiphenyl (S)	%			83	64-106	
2-Fluorophenol (S)	%			78	48-101	
Nitrobenzene-d5 (S)	%			93	60-113	
Phenol-d6 (S)	%			80	46-108	
Terphenyl-d14 (S)	%			89	71-111	

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 LANDFILL COMMINGLED
Pace Project No.: 60184193

MATRIX SPIKE SAMPLE: 1494413

Parameter	Units	60183652001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	500	395	79	51-101	
2,4,5-Trichlorophenol	ug/L	ND	500	495J	99	44-133	
2,4,6-Trichlorophenol	ug/L	ND	500	472	94	40-131	
2,4-Dinitrotoluene	ug/L	ND	500	303	61	42-107	
2-Methylphenol(o-Cresol)	ug/L	ND	500	415	83	41-114	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	852	85	39-117	
Hexachloro-1,3-butadiene	ug/L	ND	500	370	74	46-104	
Hexachlorobenzene	ug/L	ND	500	454	91	53-109	
Hexachloroethane	ug/L	ND	500	363	73	38-107	
Nitrobenzene	ug/L	ND	500	487	97	49-115	
Pentachlorophenol	ug/L	ND	500	ND	100	30-146	
Pyridine	ug/L	ND	500	424	85	10-116	
2,4,6-Tribromophenol (S)	%				97	54-119	
2-Fluorobiphenyl (S)	%				88	64-106	
2-Fluorophenol (S)	%				83	48-101	
Nitrobenzene-d5 (S)	%				95	60-113	
Phenol-d6 (S)	%				84	46-108	
Terphenyl-d14 (S)	%				94	71-111	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: WET/52091 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184193001

METHOD BLANK: 1495280 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/17/14 09:14	

LABORATORY CONTROL SAMPLE: 1495281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.4	96	78-114	

MATRIX SPIKE SAMPLE: 1495283

Parameter	Units	60184314001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	3.3J	40	41.9	97	78-114	

SAMPLE DUPLICATE: 1495282

Parameter	Units	60184304001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

QC Batch: WET/52065 | Analysis Method: SM 2540B
QC Batch Method: SM 2540B | Analysis Description: 2540B Total Solids
Associated Lab Samples: 60184193001

METHOD BLANK: 1494649 | Matrix: Water
Associated Lab Samples: 60184193001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	mg/L	ND	5.0	12/15/14 12:56	

LABORATORY CONTROL SAMPLE: 1494650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	mg/L	1000	1010	101	80-120	

SAMPLE DUPLICATE: 1494651

Parameter	Units	60184109001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	mg/L	17200	18400	6	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

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

BATCH QUALIFIERS

Batch: MSV/66426

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1e	Routine initial sample volume was not used for extraction due to sample matrix, resulting in elevated reporting limits.
2e	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LANDFILL COMMINGLED
Pace Project No.: 60184193

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184193001	**DECEMBER 2014 TCLP**	EPA 3510	OEXT/5238	EPA 8081	GCSV/3275
60184193001	**DECEMBER 2014 TCLP**	EPA 8151	OEXT/5230	EPA 8151	GCSV/3276
60184193001	**DECEMBER 2014 TCLP**	EPA 3010	MPRP/30132	EPA 6010	ICP/22536
60184193001	**DECEMBER 2014 TCLP**	EPA 7470	MERP/9136	EPA 7470	MERC/9089
60184193001	**DECEMBER 2014 TCLP**	EPA 3510	OEXT/47493	EPA 8270	MSSV/15327
60184193001	**DECEMBER 2014 TCLP**	EPA 8260	MSV/66423		
60184193001	**DECEMBER 2014 TCLP**	EPA 5030B/8260	MSV/66426		
60184193002	**TRIP BLANK**	EPA 5030B/8260	MSV/66426		
60184193001	**DECEMBER 2014 TCLP**	EPA 1664A	WET/52091		
60184193001	**DECEMBER 2014 TCLP**	SM 2540B	WET/52065		

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Sample Condition Upon Receipt

WO# : 60184193

60184193

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: 1.3

Temperature should be above freezing to 6°C

Date and initials of person examining contents: PV 12/10/14

Chain of Custody present:	☒Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☒Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☒Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☒Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☒Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time requested:	☐Yes ☒No ☐N/A	7.
Sufficient volume:	☒Yes ☐No ☐N/A	8.
Correct containers used:	☒Yes ☐No ☐N/A	
Pace containers used:	☒Yes ☐No ☐N/A	9.
Containers intact:	☒Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☒N/A	11.
Filtered volume received for dissolved tests?	☐Yes ☐No ☒N/A	12.
Sample labels match COC:	☒Yes ☐No ☐N/A	
Includes date/time/ID/analyses Matrix:	WT	13.
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☒Yes ☐No	Initial when completed / Lot # of added preservative
Trip Blank present:	☒Yes ☐No ☐N/A	
Pace Trip Blank lot # (if purchased): 101314-3		15.
Headspace in VOA vials (>6mm):	☐Yes ☒No ☐N/A	2 of 3 Dbaw have headspace. 16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☒N/A	17. List State: MO

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12/10/14

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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:

Company:	BARR ENGINEERING
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	ED GALBRAITH/BARR
Copy To:	DEREK BOUCHARD / REPUBLIC DANA BAKER/MARGARET TREANOR-BARR
Purchase Order No.:	
Project Name:	BRIDGETON UNTREATED COMMINGLED
Project Number:	

Section C Invoice Information:

Attention:	AMY HARGROVE/BRIAN POWER
Company Name:	REPUBLIC SERVICES
Address:	BRIDGETON, MO 63044
Pace Quote Reference:	
Pace Project Manager:	Angie Brown 913-563-1402
Pace Profile #:	PROFILE 7585-LINE 4

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: MO

Section D Required Client Information

Valid Matrix Codes

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

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	8260 Volatiles **	TCLP Volatiles *	Total Solids/water matrix	Oil and Grease				TCLP SEMI-VOLATILES	TCLP RCRA 8	TCLP HERBICIDES	TCLP PESTICIDES	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	December 2014 TCLP	WT	G	2AG1H	2AG1H	12/8/14	1530			6			2		3D	6	4		X	X	X	X				X	X	X	X		** total VOCs Bridgeton List
2	TRIP BLANK	WT	G						2				2						X							2D	6	4			* 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			
	Julie Cloak/Haley Energy	12/9/14		[illegible]	12/9/14	[illegible]				
				[illegible]	12/10/14	0220	1.3	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Hunter King

SIGNATURE of SAMPLER: Hunter King

DATE Signed (MM/DD/YY): 12/8/14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*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

F-ALL-Q-020rev.08, 12-Oct-2007

Chain of Custody

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Workorder: 60184193 **Workorder Name:** BRIDGETON LANDFILL COMMINGLED **Owner Received Date:** 12/10/2014 **Results Requested By:** 12/19/2014

Report To	Subcontract To
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: none						Requested Analysis: TCLP PEST	TCLP HERB											LAB USE ONLY
1	DECEMBER 2014 TCLP	PS	12/8/2014 15:30	60184193001	Water	1						X	X											001
2																								
3																								
4																								
5																								

Transfers	Released By	Date/Time	Received By	Date/Time
1	[signature] PRBI	12/11/14 1700	Kathy Allen / Pace	12/12/14 0900
2				
3				

Comments: Leachate Prep paperwork to Dallas

Cooler Temperature on Receipt 1.6 °C Custody Seal (Y) or N Received on Ice (Y) or N Samples Intact (Y) 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#: 7521564
7521564

Pace Analytical

Sample Condition Upon Receipt
Dallas

Client Name: Pace Kansas Project Work order: 7521564

Courier: FedEX ☒ UPS ☐ USPS ☐ Client ☐ Courier ☐ LSO ☐ PACE ☐ Other:_____

Tracking#: 6262 7064 7014

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: 1.6°C (Temp should be above freezing to 6°C)

Chain of Custody Present	Yes ☒ No ☐ NA ☐	1
Chain of Custody filled out	Yes ☒ No ☐ NA ☐	2
Chain of Custody relinquished	Yes ☒ No ☐ NA ☐	3
Sampler name & signature on COC	Yes ☐ No ☒ NA ☐	4
Sample received within HT	Yes ☒ No ☐ NA ☐	5
Short HT analyses (<72 hrs)	Yes ☐ No ☒ NA ☐	6
Rush TAT requested	Yes ☐ No ☒ NA ☐	7
Sufficient Volume received	Yes ☒ No ☐ NA ☐	8
Correct Container used Pace Container used	Yes ☒ No ☐ NA ☐ Yes ☒ No ☐ NA ☐	9
Container Intact	Yes ☒ No ☐ NA ☐	10
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☒	11
Filtered volume received for Dissolved tests	Yes ☐ No ☐ NA ☒	12
Sample labels match COC Include date/time/ID/analyses Matrix: water	Yes ☒ No ☐ NA ☐	13
All containers needing preservation have been checked	Yes ☐ No ☐ NA ☒	14a. Lot# of pH strip:_____ pH checked Yes ☐ No ☐ pH<2 ☐ pH>9 ☐ pH>12 ☐ Lot# of Iodine strip:_____ Lot# of Lead Acetate strip:_____
Do containers require preservation at the lab	Yes ☐ No ☐ NA ☒	14b. Preservation: Lot#:
All containers needing preservation are found to be in Compliance with EPA recommendation **Exception:** VOA, coliform, O&G	Yes ☐ No ☐ NA ☒ Yes ☐ No ☒	14c.
Are soil samples (volatiles) received in Bulk ☐ Terracore ☐ EnCore ☐	NA ☒	15.
Trip Blank present Trip Blank Custody Seals Intact Pace Trip Blank Lot# (if purchased):_____	Yes ☐ No ☐ NA ☒ Yes ☐ No ☐ NA ☒	16.
Headspace in VOA (>6mm)	Yes ☐ No ☐ NA ☒	17.
Project sampled in USDA Regulated Area:	Yes ☐ No ☐ NA ☒	18. List State _____

Client Notification/Resolution/Comments:

Person Contacted:_____ Date:_____

Comments/Resolution:_____

Person Examining Contents: mm Date: 12-13-14

F-DAL-C001rev.03 100714

Pace Analytical Services - Dallas

Sample Container Count-

COC PAGE ____ of ____

COC ID# _____

Pace Project # 7521564

Sample Line Item	AG1S	AG1U	AG3S	BG1H	BG1S	BP1U	BP2N	BP2S	BP2U	BP20	SP5T	VG9H	VG9M	VG9T	VG9U	VG9W	WGFU	WGKU	AG2U		
1																			1		
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Container Codes

DG9H	40mL HCL amber voa 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	WGFX	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 upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

TCLP/SPLP Determination of Percent Solids

(Only if sample is liquid or semi-liquid. Skip if sample is obviously 100% solid.)

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Date: 12/11/14 Batch: 16751

Analyst: ZNB Balance ID: CC0008XT5 Reviewed by: CEM 12/13/14

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 $\left(\frac{(I - H)}{I \times 0.01}\right)$	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 $\left(\frac{(L - D)}{I \times 0.01}\right)$	If Multiphase, Are Phases Compatible (2)
60184119300	116.8	251.5	285.3	1.3	117.7	413.3	2.9	128	133.8	4.33%	1.3	—	0	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
														Yes / No / NA

CEM 12/13/14

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 = $\frac{\text{mL of leachate required}}{20 \times \text{Percent solids}} \times 100$

F-KS-128-rev.0
October 21, 2013

Pace Analytical Services, Inc.
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(913)599-5665

December 17, 2014

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

RE: Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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 T1-084
Pace Project No.: 60184159

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 T1-084
Pace Project No.: 60184159

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184159001	**T1-084**	Water	12/08/14 14:45	12/10/14 02:20
60184159002	**TRIP BLANK**	Water	12/08/14 14:45	12/10/14 02:20

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184159001	**T1-084**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184159002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Sample: T1-084 **Lab ID: 60184159001** Collected: 12/08/14 14:45 Received: 12/10/14 02:20 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	**30000**	ug/L	375	1	12/11/14 11:50	12/15/14 14:29	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:29	7440-36-0	
Arsenic	**614**	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:29	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/11/14 11:50	12/15/14 14:29	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:29	7440-43-9	
Chromium	**179**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:29	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:29	7440-48-4	
Copper	ND	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:29	7440-50-8	
Iron	**499000**	ug/L	250	1	12/11/14 11:50	12/15/14 14:29	7439-89-6	M1
Lead	**84.0**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:29	7439-92-1	
Nickel	**81.4**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:29	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/11/14 11:50	12/15/14 14:29	7782-49-2	
Silver	ND	ug/L	35.0	1	12/11/14 11:50	12/15/14 14:29	7440-22-4	
Thallium	ND	ug/L	100	1	12/11/14 11:50	12/15/14 14:29	7440-28-0	
Zinc	**3510**	ug/L	250	1	12/11/14 11:50	12/15/14 14:29	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	12/12/14 12:05	12/15/14 15:50	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 15:50	7440-36-0	
Arsenic, Dissolved	**378**	ug/L	50.0	1	12/12/14 12:05	12/15/14 15:50	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/12/14 12:05	12/15/14 15:50	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 15:50	7440-43-9	
Chromium, Dissolved	**61.2**	ug/L	25.0	1	12/12/14 12:05	12/15/14 15:50	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 15:50	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 15:50	7440-50-8	
Iron, Dissolved	**33300**	ug/L	250	1	12/12/14 12:05	12/16/14 09:36	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 15:50	7439-92-1	
Nickel, Dissolved	**41.3**	ug/L	25.0	1	12/12/14 12:05	12/15/14 15:50	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/12/14 12:05	12/15/14 15:50	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/12/14 12:05	12/15/14 15:50	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/12/14 12:05	12/15/14 15:50	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/12/14 12:05	12/15/14 15:50	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	**17.0**	ug/L	6.0	1	12/10/14 15:15	12/11/14 13:50	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	12/12/14 09:00	12/12/14 12:55	7439-97-6	M1
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/10/14 00:00	12/11/14 15:29	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/10/14 00:00	12/11/14 15:29	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/10/14 00:00	12/11/14 15:29		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Sample: T1-084 **Lab ID: 60184159001** Collected: 12/08/14 14:45 Received: 12/10/14 02:20 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	12/10/14 00:00	12/11/14 15:29	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	87-86-5	
Phenol	**546**	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:29	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96	%	33-120	1	12/10/14 00:00	12/11/14 15:29	4165-60-0	
2-Fluorobiphenyl (S)	82	%	39-120	1	12/10/14 00:00	12/11/14 15:29	321-60-8	
Terphenyl-d14 (S)	84	%	45-120	1	12/10/14 00:00	12/11/14 15:29	1718-51-0	
Phenol-d6 (S)	36	%	11-120	1	12/10/14 00:00	12/11/14 15:29	13127-88-3	
2-Fluorophenol (S)	51	%	17-120	1	12/10/14 00:00	12/11/14 15:29	367-12-4	
2,4,6-Tribromophenol (S)	82	%	39-120	1	12/10/14 00:00	12/11/14 15:29	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**45600**	ug/L	2000	200		12/15/14 16:02	67-64-1	N2
Benzene	ND	ug/L	200	200		12/12/14 04:10	71-43-2	
Bromodichloromethane	ND	ug/L	200	200		12/12/14 04:10	75-27-4	
Bromoform	ND	ug/L	200	200		12/12/14 04:10	75-25-2	
Bromomethane	ND	ug/L	1000	200		12/12/14 04:10	74-83-9	
2-Butanone (MEK)	**29000**	ug/L	2000	200		12/12/14 04:10	78-93-3	N2
Carbon tetrachloride	ND	ug/L	200	200		12/12/14 04:10	56-23-5	
Chloroethane	ND	ug/L	200	200		12/12/14 04:10	75-00-3	
Chloroform	ND	ug/L	200	200		12/12/14 04:10	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	200	200		12/12/14 04:10	106-46-7	
1,2-Dichloroethane	ND	ug/L	200	200		12/12/14 04:10	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	200	200		12/12/14 04:10	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	200	200		12/12/14 04:10	156-60-5	
Ethylbenzene	ND	ug/L	200	200		12/12/14 04:10	100-41-4	
Methylene chloride	ND	ug/L	200	200		12/12/14 04:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2000	200		12/12/14 04:10	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	200	200		12/12/14 04:10	79-34-5	N2
Tetrachloroethene	ND	ug/L	200	200		12/12/14 04:10	127-18-4	
Toluene	ND	ug/L	200	200		12/12/14 04:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	200	200		12/12/14 04:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	200	200		12/12/14 04:10	79-00-5	
Trichloroethene	ND	ug/L	200	200		12/12/14 04:10	79-01-6	
Vinyl chloride	ND	ug/L	200	200		12/12/14 04:10	75-01-4	
Xylene (Total)	ND	ug/L	600	200		12/12/14 04:10	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	200		12/12/14 04:10	460-00-4	
Toluene-d8 (S)	99	%	80-120	200		12/12/14 04:10	2037-26-5	
1,2-Dichloroethane-d4 (S)	94	%	80-120	200		12/12/14 04:10	17060-07-0	
Preservation pH	**7.0**		1.0	200		12/12/14 04:10		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**87.0**	mg/L	5.0	1		12/11/14 14:10		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Sample: T1-084 **Lab ID: 60184159001** Collected: 12/08/14 14:45 Received: 12/10/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**8960**	mg/L	5.0	1		12/11/14 17:27		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.4**	Std. Units	0.10	1		12/15/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**5690**	mg/L	2.0	1	12/10/14 10:03	12/15/14 08:59		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**44.7**	mg/L	1.0	10		12/16/14 10:38	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**16600**	mg/L	2500	250		12/13/14 07:28		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Sample: TRIP BLANK **Lab ID: 60184159002** Collected: 12/08/14 14:45 Received: 12/10/14 02:20 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		12/15/14 16:16	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/12/14 05:35	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/12/14 05:35	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/12/14 05:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/12/14 05:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/12/14 05:35	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/12/14 05:35	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/12/14 05:35	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/12/14 05:35	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/12/14 05:35	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/12/14 05:35	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 05:35	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 05:35	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/12/14 05:35	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/12/14 05:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/12/14 05:35	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/12/14 05:35	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/12/14 05:35	127-18-4	
Toluene	ND	ug/L	1.0	1		12/12/14 05:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/12/14 05:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/12/14 05:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/12/14 05:35	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/12/14 05:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/12/14 05:35	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	91	%	80-120	1		12/12/14 05:35	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		12/12/14 05:35	2037-26-5	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		12/12/14 05:35	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/12/14 05:35		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: MERP/9133 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184159001

METHOD BLANK: 1492063 | Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/11/14 13:45	

LABORATORY CONTROL SAMPLE: 1492064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492065 1492066

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	17.0	150	150	139	146	81	86	70-130	5	20	

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 T1-084
Pace Project No.: 60184159

QC Batch: MERP/9138
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184159001

METHOD BLANK: 1492846
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/12/14 12:46	

LABORATORY CONTROL SAMPLE: 1492847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492848 1492849

Parameter	Units	60184159001 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	98.1	102	65	68	70-130	4	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: MPRP/30121
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184159001

METHOD BLANK: 1492357
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/15/14 14:23	
Antimony	ug/L	ND	10.0	12/15/14 14:23	
Arsenic	ug/L	ND	10.0	12/15/14 14:23	
Beryllium	ug/L	ND	1.0	12/15/14 14:23	
Cadmium	ug/L	ND	5.0	12/15/14 14:23	
Chromium	ug/L	ND	5.0	12/15/14 14:23	
Cobalt	ug/L	ND	5.0	12/15/14 14:23	
Copper	ug/L	ND	10.0	12/15/14 14:23	
Iron	ug/L	ND	50.0	12/15/14 14:23	
Lead	ug/L	ND	5.0	12/15/14 14:23	
Nickel	ug/L	ND	5.0	12/15/14 14:23	
Selenium	ug/L	ND	15.0	12/15/14 14:23	
Silver	ug/L	ND	7.0	12/15/14 14:23	
Thallium	ug/L	ND	20.0	12/15/14 14:23	
Zinc	ug/L	ND	50.0	12/15/14 14:23	

LABORATORY CONTROL SAMPLE: 1492358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9480	95	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	998	100	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	975	98	85-115	
Copper	ug/L	1000	944	94	85-115	
Iron	ug/L	10000	9340	93	85-115	
Lead	ug/L	1000	986	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	983	98	85-115	
Silver	ug/L	500	472	94	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	993	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492359 1492360

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	30000	50000	50000	77600	78600	95	97	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5180	5310	103	106	70-130	2	20	
Arsenic	ug/L	614	5000	5000	5880	5980	105	107	70-130	2	20	
Beryllium	ug/L	ND	5000	5000	4820	4940	96	99	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5180	5290	104	106	70-130	2	20	
Chromium	ug/L	179	5000	5000	5080	5200	98	101	70-130	3	20	
Cobalt	ug/L	ND	5000	5000	4670	4770	93	95	70-130	2	20	
Copper	ug/L	ND	5000	5000	4700	4800	94	96	70-130	2	20	
Iron	ug/L	499000	50000	50000	518000	507000	38	16	70-130	2	20	M1
Lead	ug/L	84.0	5000	5000	4660	4740	91	93	70-130	2	20	
Nickel	ug/L	81.4	5000	5000	4900	5020	96	99	70-130	2	20	
Selenium	ug/L	ND	5000	5000	5110	5220	102	104	70-130	2	20	
Silver	ug/L	ND	2500	2500	2460	2500	98	100	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4500	4630	89	92	70-130	3	20	
Zinc	ug/L	3510	5000	5000	8000	8050	90	91	70-130	1	20	

MATRIX SPIKE SAMPLE: 1492361

Parameter	Units	60184176003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	131	10000	9280	91	70-130	
Antimony	ug/L	11.9	1000	1090	108	70-130	
Arsenic	ug/L	322	1000	1420	110	70-130	
Beryllium	ug/L	ND	1000	943	94	70-130	
Cadmium	ug/L	ND	1000	1070	107	70-130	
Chromium	ug/L	37.5	1000	1020	99	70-130	
Cobalt	ug/L	ND	1000	924	92	70-130	
Copper	ug/L	ND	1000	953	95	70-130	
Iron	ug/L	5880	10000	14400	86	70-130	
Lead	ug/L	5.2	1000	897	89	70-130	
Nickel	ug/L	26.2	1000	981	96	70-130	
Selenium	ug/L	ND	1000	1040	103	70-130	
Silver	ug/L	ND	500	519	104	70-130	
Thallium	ug/L	ND	1000	873	87	70-130	
Zinc	ug/L	ND	1000	952	93	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: MPRP/30139
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184159001

METHOD BLANK: 1492958
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/15/14 15:46	
Antimony, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Arsenic, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Beryllium, Dissolved	ug/L	ND	1.0	12/15/14 15:46	
Cadmium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Chromium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Cobalt, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Copper, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Iron, Dissolved	ug/L	ND	50.0	12/16/14 09:29	
Lead, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Nickel, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Selenium, Dissolved	ug/L	ND	15.0	12/15/14 15:46	
Silver, Dissolved	ug/L	ND	7.0	12/15/14 15:46	
Thallium, Dissolved	ug/L	ND	20.0	12/15/14 15:46	
Zinc, Dissolved	ug/L	ND	50.0	12/15/14 15:46	

LABORATORY CONTROL SAMPLE: 1492959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9300	93	85-115	
Antimony, Dissolved	ug/L	1000	1050	105	85-115	
Arsenic, Dissolved	ug/L	1000	1040	104	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	1030	103	85-115	
Cobalt, Dissolved	ug/L	1000	977	98	85-115	
Copper, Dissolved	ug/L	1000	928	93	85-115	
Iron, Dissolved	ug/L	10000	10300	103	85-115	
Lead, Dissolved	ug/L	1000	994	99	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	474	95	85-115	
Thallium, Dissolved	ug/L	1000	1040	104	85-115	
Zinc, Dissolved	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492960 1492961

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	46100	45800	92	91	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5280	5280	105	105	70-130	0	20	
Arsenic, Dissolved	ug/L	378	5000	5000	5700	5760	107	108	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5210	5220	104	104	70-130	0	20	
Chromium, Dissolved	ug/L	61.2	5000	5000	5140	5100	101	101	70-130	1	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4700	4700	94	94	70-130	0	20	
Copper, Dissolved	ug/L	ND	5000	5000	4610	4580	92	91	70-130	1	20	
Iron, Dissolved	ug/L	33300	50000	50000	83300	87200	100	108	70-130	5	20	
Lead, Dissolved	ug/L	ND	5000	5000	4680	4680	93	94	70-130	0	20	
Nickel, Dissolved	ug/L	41.3	5000	5000	5020	5020	100	100	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5140	5160	103	103	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2430	2440	97	97	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4750	4760	95	95	70-130	0	20	
Zinc, Dissolved	ug/L	ND	5000	5000	4870	4870	97	97	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: MSV/66413 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184159001, 60184159002

METHOD BLANK: 1492687 | Matrix: Water
Associated Lab Samples: 60184159001, 60184159002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/12/14 03:56	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,2-Dichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/12/14 03:56	
2-Butanone (MEK)	ug/L	ND	10.0	12/12/14 03:56	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/12/14 03:56	N2
Benzene	ug/L	ND	1.0	12/12/14 03:56	
Bromodichloromethane	ug/L	ND	1.0	12/12/14 03:56	
Bromoform	ug/L	ND	1.0	12/12/14 03:56	
Bromomethane	ug/L	ND	5.0	12/12/14 03:56	
Carbon tetrachloride	ug/L	ND	1.0	12/12/14 03:56	
Chloroethane	ug/L	ND	1.0	12/12/14 03:56	
Chloroform	ug/L	ND	1.0	12/12/14 03:56	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	N2
Ethylbenzene	ug/L	ND	1.0	12/12/14 03:56	
Methylene chloride	ug/L	ND	1.0	12/12/14 03:56	
Tetrachloroethene	ug/L	ND	1.0	12/12/14 03:56	
Toluene	ug/L	ND	1.0	12/12/14 03:56	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Trichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Vinyl chloride	ug/L	ND	1.0	12/12/14 03:56	
Xylene (Total)	ug/L	ND	3.0	12/12/14 03:56	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	12/12/14 03:56	
4-Bromofluorobenzene (S)	%	99	80-120	12/12/14 03:56	
Toluene-d8 (S)	%	100	80-120	12/12/14 03:56	

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.2	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	18.3	92	67-127	N2
1,1,2-Trichloroethane	ug/L	20	21.2	106	67-124	
1,2-Dichloroethane	ug/L	20	18.4	92	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	83.6	84	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.9	93	59-131	N2
Benzene	ug/L	20	20.5	102	75-120	
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	20.4	102	65-127	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	17.7	89	13-157	
Carbon tetrachloride	ug/L	20	19.8	99	70-131	
Chloroethane	ug/L	20	24.4	122	47-133	
Chloroform	ug/L	20	18.9	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	68-127	N2
Ethylbenzene	ug/L	20	21.7	109	74-122	
Methylene chloride	ug/L	20	17.0	85	64-129	
Tetrachloroethene	ug/L	20	21.4	107	73-125	
Toluene	ug/L	20	20.1	101	69-126	
trans-1,2-Dichloroethene	ug/L	20	18.6	93	66-129	
Trichloroethene	ug/L	20	20.8	104	71-123	
Vinyl chloride	ug/L	20	17.6	88	43-129	
Xylene (Total)	ug/L	60	64.8	108	75-121	N2
1,2-Dichloroethane-d4 (S)	%			88	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	3900	97	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	3390	85	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3600	90	52-143	
1,2-Dichloroethane	ug/L	ND	4000	3550	89	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	3750	92	33-140	
2-Butanone (MEK)	ug/L	29000	20000	41600	63	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	17600	85	40-160	N2
Benzene	ug/L	ND	4000	3850	96	37-151	
Bromodichloromethane	ug/L	ND	4000	3690	92	35-142	
Bromoform	ug/L	ND	4000	3560	89	45-142	
Bromomethane	ug/L	ND	4000	3700	91	10-158	
Carbon tetrachloride	ug/L	ND	4000	4130	103	70-140	
Chloroethane	ug/L	ND	4000	4260	106	19-152	
Chloroform	ug/L	ND	4000	3630	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	3810	95	34-147	N2
Ethylbenzene	ug/L	ND	4000	4090	102	40-142	
Methylene chloride	ug/L	ND	4000	3090	76	31-144	
Tetrachloroethene	ug/L	ND	4000	3980	100	64-148	
Toluene	ug/L	ND	4000	3740	94	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	3880	97	54-151	
Trichloroethene	ug/L	ND	4000	3780	95	71-149	
Vinyl chloride	ug/L	ND	4000	3810	95	22-146	
Xylene (Total)	ug/L	ND	12000	12400	104	37-144	N2
1,2-Dichloroethane-d4 (S)	%				94	80-120	
4-Bromofluorobenzene (S)	%				95	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%				98	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: MSV/66477 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184159001, 60184159002

METHOD BLANK: 1494615 | Matrix: Water
Associated Lab Samples: 60184159001, 60184159002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	12/15/14 15:33	N2
1,2-Dichloroethane-d4 (S)	%	102	80-120	12/15/14 15:33	
4-Bromofluorobenzene (S)	%	99	80-120	12/15/14 15:33	
Toluene-d8 (S)	%	103	80-120	12/15/14 15:33	

LABORATORY CONTROL SAMPLE: 1494616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	96.2	96	38-134	N2
1,2-Dichloroethane-d4 (S)	%			104	80-120	
4-Bromofluorobenzene (S)	%			94	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1494659

Parameter	Units	60184402002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	5000	4050	77	10-160	N2
1,2-Dichloroethane-d4 (S)	%				99	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				101	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: OEXT/47451 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184159001

METHOD BLANK: 1491661 | Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/11/14 09:10	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/11/14 09:10	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/11/14 09:10	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/11/14 09:10	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/11/14 09:10	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/11/14 09:10	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/11/14 09:10	
Hexachloroethane	ug/L	ND	5.0	12/11/14 09:10	
Naphthalene	ug/L	ND	5.0	12/11/14 09:10	
Nitrobenzene	ug/L	ND	5.0	12/11/14 09:10	
Pentachlorophenol	ug/L	ND	5.0	12/11/14 09:10	
Phenol	ug/L	ND	5.0	12/11/14 09:10	
2,4,6-Tribromophenol (S)	%	77	39-120	12/11/14 09:10	
2-Fluorobiphenyl (S)	%	79	39-120	12/11/14 09:10	
2-Fluorophenol (S)	%	38	17-120	12/11/14 09:10	
Nitrobenzene-d5 (S)	%	82	33-120	12/11/14 09:10	
Phenol-d6 (S)	%	26	11-120	12/11/14 09:10	
Terphenyl-d14 (S)	%	79	45-120	12/11/14 09:10	

LABORATORY CONTROL SAMPLE: 1491662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	38.6	77	46-120	
2,4,6-Trichlorophenol	ug/L	50	38.7	77	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	31.5	63	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.4	57	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	37.9	76	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.9	78	44-116	
Hexachlorocyclopentadiene	ug/L	100	40.8	41	24-120	
Hexachloroethane	ug/L	50	39.3	79	43-113	
Naphthalene	ug/L	50	38.6	77	48-120	
Nitrobenzene	ug/L	50	40.4	81	48-120	
Pentachlorophenol	ug/L	50	30.8	62	47-120	
Phenol	ug/L	50	14.2	28	16-112	
2,4,6-Tribromophenol (S)	%			75	39-120	
2-Fluorobiphenyl (S)	%			80	39-120	
2-Fluorophenol (S)	%			41	17-120	
Nitrobenzene-d5 (S)	%			78	33-120	
Phenol-d6 (S)	%			27	11-120	
Terphenyl-d14 (S)	%			80	45-120	

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9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

MATRIX SPIKE SAMPLE: 1491663

Parameter	Units	60184080001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	34.2J	68	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	ND	0	50-120	M1
2-Methylphenol(o-Cresol)	ug/L	ND	50	ND	0	30-120	M1,N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	ND	0	27-120	M1,N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	ND	0	10-160	M1
Hexachloro-1,3-butadiene	ug/L	ND	50	32.5J	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	ND	0	11-120	M1
Hexachloroethane	ug/L	ND	50	ND	38	40-113	M1
Naphthalene	ug/L	ND	50	41.4J	83	45-120	
Nitrobenzene	ug/L	ND	50	41.7J	83	38-120	
Pentachlorophenol	ug/L	ND	50	ND	0	43-135	M1
Phenol	ug/L	ND	50	ND	0	13-112	M1
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 T1-084
Pace Project No.: 60184159

QC Batch: WET/52005 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184159001

METHOD BLANK: 1492602 | Matrix: Water
Associated Lab Samples: 60184159001

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

LABORATORY CONTROL SAMPLE: 1492603

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: 1492604

Parameter	Units	60183910001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	10.5	40.4	51.4	101	78-114	

SAMPLE DUPLICATE: 1492605

Parameter	Units	60183910002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	37.4	36.1	4	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: WET/51992
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184159001

METHOD BLANK: 1492134
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/11/14 17:25	

SAMPLE DUPLICATE: 1492136

Parameter	Units	60184097003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	6.0		10	

SAMPLE DUPLICATE: 1492424

Parameter	Units	60184141001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	450	423	6	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: WET/52044
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184159001

SAMPLE DUPLICATE: 1493894

Parameter	Units	60184159001 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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: WET/51973
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184159001

METHOD BLANK: 1491517
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/15/14 08:49	

LABORATORY CONTROL SAMPLE: 1491518

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	182	92	85-115	

SAMPLE DUPLICATE: 1491519

Parameter	Units	60184109001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	610	629	3	17	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: WETA/32188
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184159001

METHOD BLANK: 1494809
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/16/14 10:03	

LABORATORY CONTROL SAMPLE: 1494810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	106	90-110	

MATRIX SPIKE SAMPLE: 1494811

Parameter	Units	60182815003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1494813

Parameter	Units	60183710001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.90	2	2.4	73	90-110	M1

SAMPLE DUPLICATE: 1494812

Parameter	Units	60183844001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.7	1.7	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

QC Batch: WETA/32133
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Associated Lab Samples: 60184159001

METHOD BLANK: 1492146
Matrix: Water
Associated Lab Samples: 60184159001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/13/14 07:27	

LABORATORY CONTROL SAMPLE: 1492147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	45.0	90	90-110	

MATRIX SPIKE SAMPLE: 1492148

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28200	93	90-110	

MATRIX SPIKE SAMPLE: 1492150

Parameter	Units	60184147001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.9	50	77.2	93	90-110	

SAMPLE DUPLICATE: 1492149

Parameter	Units	60184182002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	157	157	0	25	

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QUALIFIERS

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

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.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-084
Pace Project No.: 60184159

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184159001	**T1-084**	EPA 200.7	MPRP/30121	EPA 200.7	ICP/22534
60184159001	**T1-084**	EPA 200.7	MPRP/30139	EPA 200.7	ICP/22548
60184159001	**T1-084**	EPA 245.1	MERP/9133	EPA 245.1	MERC/9086
60184159001	**T1-084**	EPA 245.1	MERP/9138	EPA 245.1	MERC/9091
60184159001	**T1-084**	EPA 625	OEXT/47451	EPA 625	MSSV/15313
60184159001	**T1-084**	EPA 624 Low	MSV/66413		
60184159001	**T1-084**	EPA 624 Low	MSV/66477		
60184159002	**TRIP BLANK**	EPA 624 Low	MSV/66413		
60184159002	**TRIP BLANK**	EPA 624 Low	MSV/66477		
60184159001	**T1-084**	EPA 1664A	WET/52005		
60184159001	**T1-084**	SM 2540D	WET/51992		
60184159001	**T1-084**	SM 4500-H+B	WET/52044		
60184159001	**T1-084**	SM 5210B	WET/51973	SM 5210B	WET/52055
60184159001	**T1-084**	EPA 350.1	WETA/32188		
60184159001	**T1-084**	EPA 410.4	WETA/32133		

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Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt

WO# : 60184159

60184159

Client Name: Barr Eng

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☑ grad

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 ☑ ZPIC

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

Cooler Temperature: 4.5

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 12/10/14

Chain of Custody present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time analyses (<72hr):	☑Yes ☐No ☐N/A	6. BOD PH	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.	
Sufficient volume:	☑Yes ☐No ☐N/A	8.	
Correct containers used:	☑Yes ☐No ☐N/A		
Pace containers used:	☑Yes ☐No ☐N/A	9.	
Containers intact:	☑Yes ☐No ☐N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	12.	
Sample labels match COC: Includes date/time/ID/analyses Matrix:	☑Yes ☐No ☐N/A WT	13.	
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	Added 2.5 mL of HNO3 to BPSN.	
All containers needing preservation are found to be in compliance with EPA recommendation.	~~☐Yes~~ ☒No ☐N/A pH 12/10/14	14. pH 6.0 / 4.0 BPSS pH 6.0	
Exceptions: VOA coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes ☐No	Initial when completed JV	Lot # of added preservative 12513-3270
Trip Blank present: Pace Trip Blank lot # (if purchased): 101314-7	☑Yes ☐No ☐N/A	15.	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	16.	
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State: MO	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12/10/14

Pace Analytical

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 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

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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		BOD SM 5210B		Residual Chlorine (Y/N)	
1	FT-084 2A1G4U 1BBU	OT	G	2A0G35		12/3/14	1445		14	10	3	1	0		1B	D35	6-0		X	X	X	X	X	X	X	X	X		X	1B	D3	4-0 2DP2U 50G4U 001 2DG4U 002
2	TRIP BLANK								2	2																X						
3																																
4																																
5																																
6																																METALS LIST total & LF Dis:
7																																Al,Sb,As,Be,Cd,Cr,
8																																Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn
9																																and Mercury
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Julie Cook / Foreger Engin.	12/9/14	1300	SLHH MH	12/9/14	1200				
SITE ADDRESS: BRIDGETON LF					12/10/14	0220	4-5	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:	Hunter King					
SIGNATURE of SAMPLER:	Hunter King	DATE Signed: 12/8/14				

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 assesment, 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
NAL13026-1765	T1-084	ORG	75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	67-64-1	Acetone	62000	DX+	ug/L	5000	778.04	12/8/2014	12/8/2014	12/8/2014	WG	500	NA	5.0	NA	SW8260B	NALD5518				
NAL13026-1765	T1-084	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	78-93-3	2-Butanone	12000	D	ug/L	5000	405.90	12/8/2014	12/8/2014	12/8/2014	WG	500	NA	5.0	NA	SW8260B	NALD5518				
NAL13026-1765	T1-084	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	71-43-2	Benzene		U	ug/L	5	0.68	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	108-88-3	Toluene		U	ug/L	5	1.05	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	108-10-1	4-Methyl-2-pentanone	870		ug/L	25	3.70	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	127-18-4	Tetrachloroethene		UX-	ug/L	5	2.43	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	591-78-6	2-Hexanone	350		ug/L	25	3.45	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	100-41-4	Ethylbenzene		U	ug/L	5	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	108-90-7	Chlorobenzene	2.0	J	ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	XYLMP	p&m-Xylene	4.0	J	ug/L	10	1.31	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	95-47-6	o-Xylene	6.1		ug/L	5	0.64	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

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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
NAL13026-1765	T1-084	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	95-63-6	1,2,4-Trimethylbenzene	48		ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	99-87-6	p-Isopropltoluene	200		ug/L	10	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	106-46-7	1,4-Dichlorobenzene	130		ug/L	10	1.65	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	95-50-1	1,2-Dichlorobenzene	2.9	J	ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	104-51-8	n-Butylbenzene	6.0	J	ug/L	25	1.39	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	120-82-1	1,2,4-Trichlorobenzene	5.0	J	ug/L	25	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	91-20-3	Naphthalene	540		ug/L	25	2.80	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	ORG	87-61-6	1,2,3-Trichlorobenzene	2.4	J	ug/L	25	1.16	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519				
NAL13026-1765	T1-084	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519	50	100%		
NAL13026-1765	T1-084	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519	50	98%		
NAL13026-1765	T1-084	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519	50	98%		
NAL13026-1765	T1-084	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5519	50	110%		

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D120814CCVA	D120814CCVA	ORG	75-71-8	Dichlorodifluoromethane	31		ug/L	5	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	62%		
D120814CCVA	D120814CCVA	ORG	74-87-3	Chloromethane	41		ug/L	5	0.43	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	82%		
D120814CCVA	D120814CCVA	ORG	75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	98%		
D120814CCVA	D120814CCVA	ORG	74-83-9	Bromomethane	75		ug/L	5	0.50	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	150%		
D120814CCVA	D120814CCVA	ORG	75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	110%		
D120814CCVA	D120814CCVA	ORG	75-69-4	Trichlorofluoromethane	140		ug/L	5	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	280%		
D120814CCVA	D120814CCVA	ORG	75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	100%		
D120814CCVA	D120814CCVA	ORG	75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	92%		
D120814CCVA	D120814CCVA	ORG	67-64-1	Acetone	77		ug/L	10	1.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	154%		
D120814CCVA	D120814CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	1634-04-4	MTBE	45		ug/L	5	0.61	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	90%		
D120814CCVA	D120814CCVA	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	94%		
D120814CCVA	D120814CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	102%		
D120814CCVA	D120814CCVA	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	67-66-3	Chloroform	48		ug/L	2	0.16	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	104%		
D120814CCVA	D120814CCVA	ORG	78-93-3	2-Butanone	58		ug/L	1	0.81	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	116%		
D120814CCVA	D120814CCVA	ORG	56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	112%		
D120814CCVA	D120814CCVA	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	107-06-2	1,2-Dichloroethane	44		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	88%		
D120814CCVA	D120814CCVA	ORG	79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	104%		
D120814CCVA	D120814CCVA	ORG	74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	98%		
D120814CCVA	D120814CCVA	ORG	75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		
D120814CCVA	D120814CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	98%		
D120814CCVA	D120814CCVA	ORG	108-88-3	Toluene	50		ug/L	1	0.21	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	100%		
D120814CCVA	D120814CCVA	ORG	108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	102%		
D120814CCVA	D120814CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	47		ug/L	1	0.31	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	94%		
D120814CCVA	D120814CCVA	ORG	127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	78%		
D120814CCVA	D120814CCVA	ORG	79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	92%		
D120814CCVA	D120814CCVA	ORG	124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	96%		
D120814CCVA	D120814CCVA	ORG	106-93-4	1,2-Dibromoethane	49		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	98%		
D120814CCVA	D120814CCVA	ORG	591-78-6	2-Hexanone	46		ug/L	2	0.69	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	92%		
D120814CCVA	D120814CCVA	ORG	100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	116%		
D120814CCVA	D120814CCVA	ORG	108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	102%		
D120814CCVA	D120814CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	110%		
D120814CCVA	D120814CCVA	ORG	XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	100	111%		
D120814CCVA	D120814CCVA	ORG	95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	120%		
D120814CCVA	D120814CCVA	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	118%		
D120814CCVA	D120814CCVA	ORG	75-25-2	Bromoform	45		ug/L	2	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	90%		
D120814CCVA	D120814CCVA	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	114%		
D120814CCVA	D120814CCVA	ORG	103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	116%		
D120814CCVA	D120814CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	46		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	92%		

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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
D120814CCVA	D120814CCVA	ORG	96-18-4	1,2,3-Trichloropropane	47		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	94%		
D120814CCVA	D120814CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	108%		
D120814CCVA	D120814CCVA	ORG	98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	114%		
D120814CCVA	D120814CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		
D120814CCVA	D120814CCVA	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	114%		
D120814CCVA	D120814CCVA	ORG	541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		
D120814CCVA	D120814CCVA	ORG	99-87-6	p-Isopropltoluene	55		ug/L	2	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	110%		
D120814CCVA	D120814CCVA	ORG	106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	102%		
D120814CCVA	D120814CCVA	ORG	95-50-1	1,2-Dichlorobenzene	53		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		
D120814CCVA	D120814CCVA	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	116%		
D120814CCVA	D120814CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	98%		
D120814CCVA	D120814CCVA	ORG	87-68-3	Hexachlorobutadiene	58		ug/L	5	0.65	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	116%		
D120814CCVA	D120814CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	110%		
D120814CCVA	D120814CCVA	ORG	91-20-3	Naphthalene	53		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		
D120814CCVA	D120814CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	102%		
D120814CCVA	D120814CCVA	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	100%		
D120814CCVA	D120814CCVA	STD	17060-07-0	1,2-Dichloroethane d4	45		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	90%		
D120814CCVA	D120814CCVA	STD	2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	100%		
D120814CCVA	D120814CCVA	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5515	50	106%		

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D120814MBKA	D120814MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				

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D120814MBKA	D120814MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517				
D120814MBKA	D120814MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517	50	98%		
D120814MBKA	D120814MBKA	STD	17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517	50	102%		
D120814MBKA	D120814MBKA	STD	2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517	50	102%		
D120814MBKA	D120814MBKA	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5517	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
D120814ALCS	D120814ALCS	ORG	75-71-8	Dichlorodifluoromethane	26		ug/L	5	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	52%		
D120814ALCS	D120814ALCS	ORG	74-87-3	Chloromethane	36		ug/L	5	0.43	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	72%		
D120814ALCS	D120814ALCS	ORG	75-01-4	Vinyl chloride	42		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	84%		
D120814ALCS	D120814ALCS	ORG	74-83-9	Bromomethane	60		ug/L	5	0.50	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	120%		
D120814ALCS	D120814ALCS	ORG	75-00-3	Chloroethane	50		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	75-69-4	Trichlorofluoromethane	62		ug/L	5	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	124%		
D120814ALCS	D120814ALCS	ORG	75-35-4	1,1-Dichloroethene	45		ug/L	1	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	90%		
D120814ALCS	D120814ALCS	ORG	75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	94%		
D120814ALCS	D120814ALCS	ORG	67-64-1	Acetone	67		ug/L	10	1.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	134%		
D120814ALCS	D120814ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	96%		
D120814ALCS	D120814ALCS	ORG	1634-04-4	MTBE	44		ug/L	5	0.61	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	88%		
D120814ALCS	D120814ALCS	ORG	75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	104%		
D120814ALCS	D120814ALCS	ORG	74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	ORG	67-66-3	Chloroform	50		ug/L	2	0.16	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	104%		
D120814ALCS	D120814ALCS	ORG	78-93-3	2-Butanone	50		ug/L	1	0.81	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	112%		
D120814ALCS	D120814ALCS	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	ORG	107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	96%		
D120814ALCS	D120814ALCS	ORG	79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	ORG	74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	ORG	78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	ORG	75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	110%		
D120814ALCS	D120814ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	108-88-3	Toluene	50		ug/L	1	0.21	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	108-10-1	4-Methyl-2-pentanone	49		ug/L	5	0.74	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	82%		
D120814ALCS	D120814ALCS	ORG	79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	ORG	124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	ORG	106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	106%		
D120814ALCS	D120814ALCS	ORG	591-78-6	2-Hexanone	40		ug/L	2	0.69	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	80%		
D120814ALCS	D120814ALCS	ORG	100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	116%		
D120814ALCS	D120814ALCS	ORG	108-90-7	Chlorobenzene	52		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	104%		
D120814ALCS	D120814ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	112%		
D120814ALCS	D120814ALCS	ORG	XYLMP	p&m-Xylene	113		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	100	113%		
D120814ALCS	D120814ALCS	ORG	95-47-6	o-Xylene	60		ug/L	1	0.13	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	120%		
D120814ALCS	D120814ALCS	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	120%		
D120814ALCS	D120814ALCS	ORG	75-25-2	Bromoform	49		ug/L	2	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	114%		
D120814ALCS	D120814ALCS	ORG	103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	116%		
D120814ALCS	D120814ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	104%		

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D120814ALCS	D120814ALCS	ORG	96-18-4	1,2,3-Trichloropropane	50		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	100%		
D120814ALCS	D120814ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	110%		
D120814ALCS	D120814ALCS	ORG	98-06-6	tert-Butylbenzene	57		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	114%		
D120814ALCS	D120814ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	54		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	108%		
D120814ALCS	D120814ALCS	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	114%		
D120814ALCS	D120814ALCS	ORG	541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	108%		
D120814ALCS	D120814ALCS	ORG	99-87-6	p-Isopropltoluene	56		ug/L	2	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	112%		
D120814ALCS	D120814ALCS	ORG	106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	106%		
D120814ALCS	D120814ALCS	ORG	95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	108%		
D120814ALCS	D120814ALCS	ORG	104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	118%		
D120814ALCS	D120814ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	108%		
D120814ALCS	D120814ALCS	ORG	87-68-3	Hexachlorobutadiene	59		ug/L	5	0.65	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	118%		
D120814ALCS	D120814ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	58		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	116%		
D120814ALCS	D120814ALCS	ORG	91-20-3	Naphthalene	58		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	116%		
D120814ALCS	D120814ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	108%		
D120814ALCS	D120814ALCS	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		
D120814ALCS	D120814ALCS	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	94%		
D120814ALCS	D120814ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	98%		
D120814ALCS	D120814ALCS	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5516	50	102%		

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D120814ALCD	D120814ALCD	ORG	75-71-8	Dichlorodifluoromethane	28		ug/L	5	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	56%	7%	
D120814ALCD	D120814ALCD	ORG	74-87-3	Chloromethane	39		ug/L	5	0.43	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	78%	8%	
D120814ALCD	D120814ALCD	ORG	75-01-4	Vinyl chloride	45		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	90%	7%	
D120814ALCD	D120814ALCD	ORG	74-83-9	Bromomethane	52		ug/L	5	0.50	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	104%	14%	
D120814ALCD	D120814ALCD	ORG	75-00-3	Chloroethane	52		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	104%	4%	
D120814ALCD	D120814ALCD	ORG	75-69-4	Trichlorofluoromethane	73		ug/L	5	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	146%	16%	
D120814ALCD	D120814ALCD	ORG	75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	92%	2%	
D120814ALCD	D120814ALCD	ORG	75-09-2	Methylene chloride	47		ug/L	5	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	94%	0%	
D120814ALCD	D120814ALCD	ORG	67-64-1	Acetone	73		ug/L	10	1.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	146%	9%	
D120814ALCD	D120814ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	94%	2%	
D120814ALCD	D120814ALCD	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	94%	7%	
D120814ALCD	D120814ALCD	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	96%	2%	
D120814ALCD	D120814ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	104%	0%	
D120814ALCD	D120814ALCD	ORG	74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	2%	
D120814ALCD	D120814ALCD	ORG	67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	98%	2%	
D120814ALCD	D120814ALCD	ORG	71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	104%	0%	
D120814ALCD	D120814ALCD	ORG	78-93-3	2-Butanone	58		ug/L	1	0.81	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	116%	15%	
D120814ALCD	D120814ALCD	ORG	56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	110%	2%	
D120814ALCD	D120814ALCD	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	98%	0%	
D120814ALCD	D120814ALCD	ORG	107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	96%	0%	
D120814ALCD	D120814ALCD	ORG	79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	2%	
D120814ALCD	D120814ALCD	ORG	74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	102%	0%	
D120814ALCD	D120814ALCD	ORG	78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	102%	0%	
D120814ALCD	D120814ALCD	ORG	75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	106%	4%	
D120814ALCD	D120814ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	98%	2%	
D120814ALCD	D120814ALCD	ORG	108-88-3	Toluene	50		ug/L	1	0.21	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	0%	
D120814ALCD	D120814ALCD	ORG	108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	110%	12%	
D120814ALCD	D120814ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	50		ug/L	1	0.31	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	0%	
D120814ALCD	D120814ALCD	ORG	127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	84%	2%	
D120814ALCD	D120814ALCD	ORG	79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	2%	
D120814ALCD	D120814ALCD	ORG	124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	100%	2%	
D120814ALCD	D120814ALCD	ORG	106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	110%	4%	
D120814ALCD	D120814ALCD	ORG	591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	88%	10%	
D120814ALCD	D120814ALCD	ORG	100-41-4	Ethylbenzene	57		ug/L	1	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	114%	2%	
D120814ALCD	D120814ALCD	ORG	108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	102%	2%	
D120814ALCD	D120814ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	110%	2%	
D120814ALCD	D120814ALCD	ORG	XYLMP	p&m-Xylene	111		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	100	111%	2%	
D120814ALCD	D120814ALCD	ORG	95-47-6	o-Xylene	59		ug/L	1	0.13	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	118%	2%	
D120814ALCD	D120814ALCD	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	118%	2%	
D120814ALCD	D120814ALCD	ORG	75-25-2	Bromoform	49		ug/L	2	0.47	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	98%	0%	
D120814ALCD	D120814ALCD	ORG	98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	112%	2%	
D120814ALCD	D120814ALCD	ORG	103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	114%	2%	
D120814ALCD	D120814ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	54		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	108%	4%	

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.
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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
D120814ALCD	D120814ALCD	ORG	96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	106%	6%	
D120814ALCD	D120814ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	108%	2%	
D120814ALCD	D120814ALCD	ORG	98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	110%	4%	
D120814ALCD	D120814ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	106%	2%	
D120814ALCD	D120814ALCD	ORG	135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	112%	2%	
D120814ALCD	D120814ALCD	ORG	541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	108%	0%	
D120814ALCD	D120814ALCD	ORG	99-87-6	p-Isopropltoluene	54		ug/L	2	0.25	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	108%	4%	
D120814ALCD	D120814ALCD	ORG	106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	104%	2%	
D120814ALCD	D120814ALCD	ORG	95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	108%	0%	
D120814ALCD	D120814ALCD	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	116%	2%	
D120814ALCD	D120814ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	60		ug/L	5	1.59	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	120%	11%	
D120814ALCD	D120814ALCD	ORG	87-68-3	Hexachlorobutadiene	59		ug/L	5	0.65	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	118%	0%	
D120814ALCD	D120814ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	58		ug/L	5	0.28	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	116%	0%	
D120814ALCD	D120814ALCD	ORG	91-20-3	Naphthalene	61		ug/L	5	0.56	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	122%	5%	
D120814ALCD	D120814ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	112%	4%	
D120814ALCD	D120814ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	102%	0%	
D120814ALCD	D120814ALCD	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	96%	2%	
D120814ALCD	D120814ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	50	98%	0%	
D120814ALCD	D120814ALCD	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/8/2014	12/8/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5521	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
NAL13026-1765MS	T1-084	ORG	75-71-8	Dichlorodifluoromethane	131		ug/L	25	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	52%		
NAL13026-1765MS	T1-084	ORG	74-87-3	Chloromethane	200		ug/L	25	2.15	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	80%		
NAL13026-1765MS	T1-084	ORG	75-01-4	Vinyl chloride	210		ug/L	10	1.59	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	84%		
NAL13026-1765MS	T1-084	ORG	74-83-9	Bromomethane	230		ug/L	25	2.50	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	92%		
NAL13026-1765MS	T1-084	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	75-69-4	Trichlorofluoromethane	330		ug/L	25	0.98	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	132%		
NAL13026-1765MS	T1-084	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	92%		
NAL13026-1765MS	T1-084	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		
NAL13026-1765MS	T1-084	ORG	67-64-1	Acetone	33000		ug/L	50	7.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	#######		62000
NAL13026-1765MS	T1-084	ORG	156-60-5	trans-1,2-Dichloroethene	240		ug/L	5	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		
NAL13026-1765MS	T1-084	ORG	1634-04-4	MTBE	230		ug/L	25	3.06	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	92%		
NAL13026-1765MS	T1-084	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		
NAL13026-1765MS	T1-084	ORG	156-59-2	cis-1,2-Dichloroethene	270		ug/L	5	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	74-97-5	Bromochloromethane	250		ug/L	50	2.07	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	67-66-3	Chloroform	250		ug/L	10	0.79	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	104%		
NAL13026-1765MS	T1-084	ORG	78-93-3	2-Butanone	16000		ug/L	5	4.06	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	1600%		12000
NAL13026-1765MS	T1-084	ORG	56-23-5	Carbon tetrachloride	280		ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	71-43-2	Benzene	250		ug/L	5	0.68	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		
NAL13026-1765MS	T1-084	ORG	79-01-6	Trichloroethene	250		ug/L	5	1.82	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	74-95-3	Dibromomethane	270		ug/L	10	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	104%		
NAL13026-1765MS	T1-084	ORG	75-27-4	Bromodichloromethane	270		ug/L	10	0.58	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		
NAL13026-1765MS	T1-084	ORG	108-88-3	Toluene	250		ug/L	5	1.05	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	108-10-1	4-Methyl-2-pentanone	1100		ug/L	25	3.70	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	92%		870
NAL13026-1765MS	T1-084	ORG	10061-02-6	trans-1,3-Dichloropropene	250		ug/L	5	1.56	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	127-18-4	Tetrachloroethene	200		ug/L	5	2.43	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	80%		
NAL13026-1765MS	T1-084	ORG	79-00-5	1,1,2-Trichloroethane	260		ug/L	5	1.71	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	104%		
NAL13026-1765MS	T1-084	ORG	124-48-1	Dibromochloromethane	250		ug/L	25	1.49	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	106-93-4	1,2-Dibromoethane	280		ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	591-78-6	2-Hexanone	450		ug/L	10	3.45	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	40%		350
NAL13026-1765MS	T1-084	ORG	100-41-4	Ethylbenzene	290		ug/L	5	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	116%		
NAL13026-1765MS	T1-084	ORG	108-90-7	Chlorobenzene	260		ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	103%		2.0
NAL13026-1765MS	T1-084	ORG	630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	500	109%		4.0
NAL13026-1765MS	T1-084	ORG	95-47-6	o-Xylene	310		ug/L	5	0.64	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	122%		6.1
NAL13026-1765MS	T1-084	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	124%		
NAL13026-1765MS	T1-084	ORG	75-25-2	Bromoform	250		ug/L	10	2.34	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	100%		
NAL13026-1765MS	T1-084	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	116%		
NAL13026-1765MS	T1-084	ORG	79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	128%		

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.
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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
NAL13026-1765MS	T1-084	ORG	96-18-4	1,2,3-Trichloropropane	280		ug/L	10	1.47	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	95-63-6	1,2,4-Trimethylbenzene	310		ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	105%		48
NAL13026-1765MS	T1-084	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	112%		
NAL13026-1765MS	T1-084	ORG	541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	108%		
NAL13026-1765MS	T1-084	ORG	99-87-6	p-Isopropltoluene	430		ug/L	10	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	92%		200
NAL13026-1765MS	T1-084	ORG	106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	96%		130
NAL13026-1765MS	T1-084	ORG	95-50-1	1,2-Dichlorobenzene	280		ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	111%		2.9
NAL13026-1765MS	T1-084	ORG	104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	114%		6.0
NAL13026-1765MS	T1-084	ORG	96-12-8	1,2-Dibromo-3-chloropropane	340		ug/L	25	7.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	136%		
NAL13026-1765MS	T1-084	ORG	87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	88%		
NAL13026-1765MS	T1-084	ORG	120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	106%		5.0
NAL13026-1765MS	T1-084	ORG	91-20-3	Naphthalene	740		ug/L	25	2.80	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	80%		540
NAL13026-1765MS	T1-084	ORG	87-61-6	1,2,3-Trichlorobenzene	260		ug/L	25	1.16	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	250	103%		2.4
NAL13026-1765MS	T1-084	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	50	104%		
NAL13026-1765MS	T1-084	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	50	94%		
NAL13026-1765MS	T1-084	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	50	96%		
NAL13026-1765MS	T1-084	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5522	50	104%		

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Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
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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
NAL13026-1765MSD	T1-084	ORG	75-71-8	Dichlorodifluoromethane	135		ug/L	25	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	54%	3%	
NAL13026-1765MSD	T1-084	ORG	74-87-3	Chloromethane	200		ug/L	25	2.15	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	80%	0%	
NAL13026-1765MSD	T1-084	ORG	75-01-4	Vinyl chloride	220		ug/L	10	1.59	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	88%	5%	
NAL13026-1765MSD	T1-084	ORG	74-83-9	Bromomethane	230		ug/L	25	2.50	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	92%	0%	
NAL13026-1765MSD	T1-084	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	0%	
NAL13026-1765MSD	T1-084	ORG	75-69-4	Trichlorofluoromethane	360		ug/L	25	0.98	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	144%	9%	
NAL13026-1765MSD	T1-084	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	92%	0%	
NAL13026-1765MSD	T1-084	ORG	75-09-2	Methylene chloride	220		ug/L	25	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	88%	9%	
NAL13026-1765MSD	T1-084	ORG	67-64-1	Acetone	33000		ug/L	50	7.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	#######	0%	62000
NAL13026-1765MSD	T1-084	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	92%	4%	
NAL13026-1765MSD	T1-084	ORG	1634-04-4	MTBE	230		ug/L	25	3.06	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	92%	0%	
NAL13026-1765MSD	T1-084	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	0%	
NAL13026-1765MSD	T1-084	ORG	156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	104%	4%	
NAL13026-1765MSD	T1-084	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	67-66-3	Chloroform	240		ug/L	10	0.79	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	104%	0%	
NAL13026-1765MSD	T1-084	ORG	78-93-3	2-Butanone	16000		ug/L	5	4.06	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	1600%	0%	12000
NAL13026-1765MSD	T1-084	ORG	56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	4%	
NAL13026-1765MSD	T1-084	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	0%	
NAL13026-1765MSD	T1-084	ORG	79-01-6	Trichloroethene	250		ug/L	5	1.82	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	100%	0%	
NAL13026-1765MSD	T1-084	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	104%	4%	
NAL13026-1765MSD	T1-084	ORG	78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	104%	0%	
NAL13026-1765MSD	T1-084	ORG	75-27-4	Bromodichloromethane	260		ug/L	10	0.58	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	104%	4%	
NAL13026-1765MSD	T1-084	ORG	10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	0%	
NAL13026-1765MSD	T1-084	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	108-10-1	4-Methyl-2-pentanone	1200		ug/L	25	3.70	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	132%	9%	870
NAL13026-1765MSD	T1-084	ORG	10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	127-18-4	Tetrachloroethene	200		ug/L	5	2.43	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	80%	0%	
NAL13026-1765MSD	T1-084	ORG	79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	100%	4%	
NAL13026-1765MSD	T1-084	ORG	124-48-1	Dibromochloromethane	240		ug/L	25	1.49	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	4%	
NAL13026-1765MSD	T1-084	ORG	591-78-6	2-Hexanone	470		ug/L	10	3.45	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	48%	4%	350
NAL13026-1765MSD	T1-084	ORG	100-41-4	Ethylbenzene	290		ug/L	5	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	116%	0%	
NAL13026-1765MSD	T1-084	ORG	108-90-7	Chlorobenzene	260		ug/L	5	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	103%	0%	2.0
NAL13026-1765MSD	T1-084	ORG	630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	0%	
NAL13026-1765MSD	T1-084	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	500	109%	0%	4.0
NAL13026-1765MSD	T1-084	ORG	95-47-6	o-Xylene	310		ug/L	5	0.64	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	122%	0%	6.1
NAL13026-1765MSD	T1-084	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	124%	0%	
NAL13026-1765MSD	T1-084	ORG	75-25-2	Bromoform	240		ug/L	10	2.34	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	4%	
NAL13026-1765MSD	T1-084	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	112%	0%	
NAL13026-1765MSD	T1-084	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	116%	0%	
NAL13026-1765MSD	T1-084	ORG	79-34-5	1,1,2,2-Tetrachloroethane	320		ug/L	10	1.46	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	128%	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
NAL13026-1765MSD	T1-084	ORG	96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	4%	
NAL13026-1765MSD	T1-084	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	4%	
NAL13026-1765MSD	T1-084	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	112%	0%	
NAL13026-1765MSD	T1-084	ORG	95-63-6	1,2,4-Trimethylbenzene	310		ug/L	10	1.00	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	105%	0%	48
NAL13026-1765MSD	T1-084	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	112%	0%	
NAL13026-1765MSD	T1-084	ORG	541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	108%	0%	
NAL13026-1765MSD	T1-084	ORG	99-87-6	p-Isopropltoluene	430		ug/L	10	1.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	92%	0%	200
NAL13026-1765MSD	T1-084	ORG	106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	96%	0%	130
NAL13026-1765MSD	T1-084	ORG	95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	107%	4%	2.9
NAL13026-1765MSD	T1-084	ORG	104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	114%	0%	6.0
NAL13026-1765MSD	T1-084	ORG	96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	124%	9%	
NAL13026-1765MSD	T1-084	ORG	87-68-3	Hexachlorobutadiene	210		ug/L	25	3.27	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	84%	5%	
NAL13026-1765MSD	T1-084	ORG	120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	106%	0%	5.0
NAL13026-1765MSD	T1-084	ORG	91-20-3	Naphthalene	730		ug/L	25	2.80	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	76%	1%	540
NAL13026-1765MSD	T1-084	ORG	87-61-6	1,2,3-Trichlorobenzene	250		ug/L	25	1.16	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	250	99%	4%	2.4
NAL13026-1765MSD	T1-084	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	50	102%	2%	
NAL13026-1765MSD	T1-084	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	50	94%	0%	
NAL13026-1765MSD	T1-084	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	50	98%	2%	
NAL13026-1765MSD	T1-084	STD	460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	12/8/2014	12/8/2014	12/8/2014	WG	5	NA	5.0	NA	SW8260B	NALD5523	50	108%	4%	

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NAL13026-1766	T1-085	ORG	75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	67-64-1	Acetone	29000	D	ug/L	5000	778.04	12/9/2014	12/9/2014	12/9/2014	WG	500	NA	5.0	NA	SW8260B	NALC3680				
NAL13026-1766	T1-085	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	78-93-3	2-Butanone	5000	D	ug/L	5000	405.90	12/9/2014	12/9/2014	12/9/2014	WG	500	NA	5.0	NA	SW8260B	NALC3680				
NAL13026-1766	T1-085	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	71-43-2	Benzene	4.4	J	ug/L	5	0.68	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	108-88-3	Toluene	3.0	J	ug/L	5	1.05	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	108-10-1	4-Methyl-2-pentanone	700	X+	ug/L	25	3.70	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	124-48-1	Dibromochloromethane		UX+	ug/L	10	1.49	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	591-78-6	2-Hexanone	250	X+	ug/L	25	3.45	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	100-41-4	Ethylbenzene	4.0	J	ug/L	5	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	108-90-7	Chlorobenzene	2.4	J	ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	XYLMP	p&m-Xylene	22		ug/L	10	1.31	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	95-47-6	o-Xylene	22		ug/L	5	0.64	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	98-82-8	Isopropylbenzene	25		ug/L	10	1.02	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	103-65-1	n-Propylbenzene	19		ug/L	10	1.35	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				

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NAL13026-1766	T1-085	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	108-67-8	1,3,5-Trimethylbenzene	28		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	98-06-6	tert-Butylbenzene	26		ug/L	10	1.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	95-63-6	1,2,4-Trimethylbenzene	98		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	135-98-8	sec-Butylbenzene	27		ug/L	10	1.62	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	99-87-6	p-Isopropltoluene	430		ug/L	10	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	106-46-7	1,4-Dichlorobenzene	160		ug/L	10	1.65	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	95-50-1	1,2-Dichlorobenzene	4.0	J	ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	104-51-8	n-Butylbenzene	21	J	ug/L	25	1.39	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	120-82-1	1,2,4-Trichlorobenzene	9.0	J	ug/L	25	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	91-20-3	Naphthalene	540		ug/L	25	2.80	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	ORG	87-61-6	1,2,3-Trichlorobenzene	5.0	J	ug/L	25	1.16	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681				
NAL13026-1766	T1-085	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681	50	104%		
NAL13026-1766	T1-085	STD	17060-07-0	1,2-Dichloroethane d4	56		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681	50	112%		
NAL13026-1766	T1-085	STD	2037-26-5	Toluene d8	56		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681	50	112%		
NAL13026-1766	T1-085	STD	460-00-4	Bromofluorobenzene	58		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3681	50	116%		

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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
C120914CCVA	C120914CCVA	ORG	75-71-8	Dichlorodifluoromethane	29		ug/L	5	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	58%		
C120914CCVA	C120914CCVA	ORG	74-87-3	Chloromethane	46		ug/L	5	0.43	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	92%		
C120914CCVA	C120914CCVA	ORG	75-01-4	Vinyl chloride	47		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	94%		
C120914CCVA	C120914CCVA	ORG	74-83-9	Bromomethane	51		ug/L	5	0.50	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	75-00-3	Chloroethane	59		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	118%		
C120914CCVA	C120914CCVA	ORG	75-69-4	Trichlorofluoromethane	60		ug/L	5	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	120%		
C120914CCVA	C120914CCVA	ORG	75-35-4	1,1-Dichloroethene	39		ug/L	1	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	78%		
C120914CCVA	C120914CCVA	ORG	75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	92%		
C120914CCVA	C120914CCVA	ORG	67-64-1	Acetone	54		ug/L	10	1.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	108%		
C120914CCVA	C120914CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	45		ug/L	1	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	90%		
C120914CCVA	C120914CCVA	ORG	1634-04-4	MTBE	45		ug/L	5	0.61	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	90%		
C120914CCVA	C120914CCVA	ORG	75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	98%		
C120914CCVA	C120914CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	96%		
C120914CCVA	C120914CCVA	ORG	74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	98%		
C120914CCVA	C120914CCVA	ORG	67-66-3	Chloroform	51		ug/L	2	0.16	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	106%		
C120914CCVA	C120914CCVA	ORG	78-93-3	2-Butanone	47		ug/L	1	0.81	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	94%		
C120914CCVA	C120914CCVA	ORG	56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	110%		
C120914CCVA	C120914CCVA	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	98%		
C120914CCVA	C120914CCVA	ORG	107-06-2	1,2-Dichloroethane	52		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	ORG	79-01-6	Trichloroethene	52		ug/L	1	0.36	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	ORG	74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	100%		
C120914CCVA	C120914CCVA	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	96%		
C120914CCVA	C120914CCVA	ORG	75-27-4	Bromodichloromethane	57		ug/L	2	0.12	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	114%		
C120914CCVA	C120914CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	56		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	112%		
C120914CCVA	C120914CCVA	ORG	108-88-3	Toluene	56		ug/L	1	0.21	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	112%		
C120914CCVA	C120914CCVA	ORG	108-10-1	4-Methyl-2-pentanone	63		ug/L	5	0.74	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	126%		
C120914CCVA	C120914CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	59		ug/L	1	0.31	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	118%		
C120914CCVA	C120914CCVA	ORG	127-18-4	Tetrachloroethene	56		ug/L	1	0.49	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	112%		
C120914CCVA	C120914CCVA	ORG	79-00-5	1,1,2-Trichloroethane	56		ug/L	1	0.34	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	112%		
C120914CCVA	C120914CCVA	ORG	124-48-1	Dibromochloromethane	61		ug/L	5	0.30	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	122%		
C120914CCVA	C120914CCVA	ORG	106-93-4	1,2-Dibromoethane	60		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	120%		
C120914CCVA	C120914CCVA	ORG	591-78-6	2-Hexanone	63		ug/L	2	0.69	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	126%		
C120914CCVA	C120914CCVA	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	110%		
C120914CCVA	C120914CCVA	ORG	108-90-7	Chlorobenzene	47		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	94%		
C120914CCVA	C120914CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	ORG	XYLMP	p&m-Xylene	104		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	100	104%		
C120914CCVA	C120914CCVA	ORG	95-47-6	o-Xylene	48		ug/L	1	0.13	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	96%		
C120914CCVA	C120914CCVA	ORG	100-42-5	Styrene	49		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	98%		
C120914CCVA	C120914CCVA	ORG	75-25-2	Bromoform	48		ug/L	2	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	96%		
C120914CCVA	C120914CCVA	ORG	98-82-8	Isopropylbenzene	49		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	98%		
C120914CCVA	C120914CCVA	ORG	103-65-1	n-Propylbenzene	51		ug/L	2	0.27	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	48		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	96%		

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C120914CCVA	C120914CCVA	ORG	96-18-4	1,2,3-Trichloropropane	50		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	100%		
C120914CCVA	C120914CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	51		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	51		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	541-73-1	1,3-Dichlorobenzene	53		ug/L	2	0.22	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	106%		
C120914CCVA	C120914CCVA	ORG	99-87-6	p-Isopropltoluene	51		ug/L	2	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	ORG	104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	114%		
C120914CCVA	C120914CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	102%		
C120914CCVA	C120914CCVA	ORG	87-68-3	Hexachlorobutadiene	57		ug/L	5	0.65	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	114%		
C120914CCVA	C120914CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	55		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	110%		
C120914CCVA	C120914CCVA	ORG	91-20-3	Naphthalene	43		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	86%		
C120914CCVA	C120914CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	108%		
C120914CCVA	C120914CCVA	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	STD	17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	104%		
C120914CCVA	C120914CCVA	STD	2037-26-5	Toluene d8	56		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	112%		
C120914CCVA	C120914CCVA	STD	460-00-4	Bromofluorobenzene	47		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3677	50	94%		

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C120914MBKA	C120914MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				

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.
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M = Matrix assesment, 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
C120914MBKA	C120914MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683				
C120914MBKA	C120914MBKA	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683	50	102%		
C120914MBKA	C120914MBKA	STD	17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683	50	102%		
C120914MBKA	C120914MBKA	STD	2037-26-5	Toluene d8	68		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683	50	136%		
C120914MBKA	C120914MBKA	STD	460-00-4	Bromofluorobenzene	58		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3683	50	116%		

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
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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
C120914ALCS	C120914ALCS	ORG	75-71-8	Dichlorodifluoromethane	23		ug/L	5	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	46%		
C120914ALCS	C120914ALCS	ORG	74-87-3	Chloromethane	34		ug/L	5	0.43	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	68%		
C120914ALCS	C120914ALCS	ORG	75-01-4	Vinyl chloride	37		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	74%		
C120914ALCS	C120914ALCS	ORG	74-83-9	Bromomethane	42		ug/L	5	0.50	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	84%		
C120914ALCS	C120914ALCS	ORG	75-00-3	Chloroethane	54		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	108%		
C120914ALCS	C120914ALCS	ORG	75-69-4	Trichlorofluoromethane	53		ug/L	5	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	106%		
C120914ALCS	C120914ALCS	ORG	75-35-4	1,1-Dichloroethene	37		ug/L	1	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	74%		
C120914ALCS	C120914ALCS	ORG	75-09-2	Methylene chloride	42		ug/L	5	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	84%		
C120914ALCS	C120914ALCS	ORG	67-64-1	Acetone	52		ug/L	10	1.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	104%		
C120914ALCS	C120914ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	42		ug/L	1	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	84%		
C120914ALCS	C120914ALCS	ORG	1634-04-4	MTBE	46		ug/L	5	0.61	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	92%		
C120914ALCS	C120914ALCS	ORG	75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	90%		
C120914ALCS	C120914ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	46		ug/L	1	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	92%		
C120914ALCS	C120914ALCS	ORG	74-97-5	Bromochloromethane	47		ug/L	10	0.41	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	94%		
C120914ALCS	C120914ALCS	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	94%		
C120914ALCS	C120914ALCS	ORG	71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	96%		
C120914ALCS	C120914ALCS	ORG	78-93-3	2-Butanone	46		ug/L	1	0.81	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	92%		
C120914ALCS	C120914ALCS	ORG	56-23-5	Carbon tetrachloride	50		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	71-43-2	Benzene	45		ug/L	1	0.14	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	90%		
C120914ALCS	C120914ALCS	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	74-95-3	Dibromomethane	47		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	94%		
C120914ALCS	C120914ALCS	ORG	78-87-5	1,2-Dichloropropane	46		ug/L	1	0.18	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	92%		
C120914ALCS	C120914ALCS	ORG	75-27-4	Bromodichloromethane	53		ug/L	2	0.12	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	106%		
C120914ALCS	C120914ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	104%		
C120914ALCS	C120914ALCS	ORG	108-88-3	Toluene	53		ug/L	1	0.21	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	106%		
C120914ALCS	C120914ALCS	ORG	108-10-1	4-Methyl-2-pentanone	60		ug/L	5	0.74	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	120%		
C120914ALCS	C120914ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	57		ug/L	1	0.31	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	114%		
C120914ALCS	C120914ALCS	ORG	127-18-4	Tetrachloroethene	56		ug/L	1	0.49	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	112%		
C120914ALCS	C120914ALCS	ORG	79-00-5	1,1,2-Trichloroethane	53		ug/L	1	0.34	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	106%		
C120914ALCS	C120914ALCS	ORG	124-48-1	Dibromochloromethane	57		ug/L	5	0.30	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	114%		
C120914ALCS	C120914ALCS	ORG	106-93-4	1,2-Dibromoethane	58		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	116%		
C120914ALCS	C120914ALCS	ORG	591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	86%		
C120914ALCS	C120914ALCS	ORG	100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	108%		
C120914ALCS	C120914ALCS	ORG	108-90-7	Chlorobenzene	46		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	92%		
C120914ALCS	C120914ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	50		ug/L	2	0.19	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	XYLMP	p&m-Xylene	101		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	100	101%		
C120914ALCS	C120914ALCS	ORG	95-47-6	o-Xylene	48		ug/L	1	0.13	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	96%		
C120914ALCS	C120914ALCS	ORG	100-42-5	Styrene	48		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	96%		
C120914ALCS	C120914ALCS	ORG	75-25-2	Bromoform	49		ug/L	2	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	98-82-8	Isopropylbenzene	49		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	103-65-1	n-Propylbenzene	50		ug/L	2	0.27	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		

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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	Spike	% Rec	% RPD	Parent
C120914ALCS	C120914ALCS	ORG	96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	96%		
C120914ALCS	C120914ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	50		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	98-06-6	tert-Butylbenzene	51		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	102%		
C120914ALCS	C120914ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	50		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	135-98-8	sec-Butylbenzene	49		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	541-73-1	1,3-Dichlorobenzene	52		ug/L	2	0.22	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	104%		
C120914ALCS	C120914ALCS	ORG	99-87-6	p-Isopropltoluene	49		ug/L	2	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	95-50-1	1,2-Dichlorobenzene	51		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	102%		
C120914ALCS	C120914ALCS	ORG	104-51-8	n-Butylbenzene	55		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	110%		
C120914ALCS	C120914ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	100%		
C120914ALCS	C120914ALCS	ORG	87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	110%		
C120914ALCS	C120914ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	104%		
C120914ALCS	C120914ALCS	ORG	91-20-3	Naphthalene	45		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	90%		
C120914ALCS	C120914ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	106%		
C120914ALCS	C120914ALCS	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		
C120914ALCS	C120914ALCS	STD	2037-26-5	Toluene d8	55		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	110%		
C120914ALCS	C120914ALCS	STD	460-00-4	Bromofluorobenzene	49		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3678	50	98%		

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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
C120914ALCD	C120914ALCD	ORG	75-71-8	Dichlorodifluoromethane	24		ug/L	5	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	48%	4%	
C120914ALCD	C120914ALCD	ORG	74-87-3	Chloromethane	34		ug/L	5	0.43	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	68%	0%	
C120914ALCD	C120914ALCD	ORG	75-01-4	Vinyl chloride	34		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	68%	8%	
C120914ALCD	C120914ALCD	ORG	74-83-9	Bromomethane	45		ug/L	5	0.50	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	90%	7%	
C120914ALCD	C120914ALCD	ORG	75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	110%	2%	
C120914ALCD	C120914ALCD	ORG	75-69-4	Trichlorofluoromethane	56		ug/L	5	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	112%	6%	
C120914ALCD	C120914ALCD	ORG	75-35-4	1,1-Dichloroethene	36		ug/L	1	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	72%	3%	
C120914ALCD	C120914ALCD	ORG	75-09-2	Methylene chloride	45		ug/L	5	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	90%	7%	
C120914ALCD	C120914ALCD	ORG	67-64-1	Acetone	54		ug/L	10	1.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	4%	
C120914ALCD	C120914ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	44		ug/L	1	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	88%	5%	
C120914ALCD	C120914ALCD	ORG	1634-04-4	MTBE	41		ug/L	5	0.61	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	82%	11%	
C120914ALCD	C120914ALCD	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	96%	6%	
C120914ALCD	C120914ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	47		ug/L	1	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	94%	2%	
C120914ALCD	C120914ALCD	ORG	74-97-5	Bromochloromethane	52		ug/L	10	0.41	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	10%	
C120914ALCD	C120914ALCD	ORG	67-66-3	Chloroform	51		ug/L	2	0.16	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	8%	
C120914ALCD	C120914ALCD	ORG	71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	10%	
C120914ALCD	C120914ALCD	ORG	78-93-3	2-Butanone	46		ug/L	1	0.81	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	92%	0%	
C120914ALCD	C120914ALCD	ORG	56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	8%	
C120914ALCD	C120914ALCD	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	98%	9%	
C120914ALCD	C120914ALCD	ORG	107-06-2	1,2-Dichloroethane	53		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	8%	
C120914ALCD	C120914ALCD	ORG	79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	100%	2%	
C120914ALCD	C120914ALCD	ORG	74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	10%	
C120914ALCD	C120914ALCD	ORG	78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	98%	6%	
C120914ALCD	C120914ALCD	ORG	75-27-4	Bromodichloromethane	56		ug/L	2	0.12	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	112%	6%	
C120914ALCD	C120914ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	2%	
C120914ALCD	C120914ALCD	ORG	108-88-3	Toluene	54		ug/L	1	0.21	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	2%	
C120914ALCD	C120914ALCD	ORG	108-10-1	4-Methyl-2-pentanone	63		ug/L	5	0.74	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	126%	5%	
C120914ALCD	C120914ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	56		ug/L	1	0.31	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	112%	2%	
C120914ALCD	C120914ALCD	ORG	127-18-4	Tetrachloroethene	61		ug/L	1	0.49	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	122%	9%	
C120914ALCD	C120914ALCD	ORG	79-00-5	1,1,2-Trichloroethane	54		ug/L	1	0.34	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	2%	
C120914ALCD	C120914ALCD	ORG	124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	100%	13%	
C120914ALCD	C120914ALCD	ORG	106-93-4	1,2-Dibromoethane	46		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	92%	23%	
C120914ALCD	C120914ALCD	ORG	591-78-6	2-Hexanone	44		ug/L	2	0.69	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	88%	2%	
C120914ALCD	C120914ALCD	ORG	100-41-4	Ethylbenzene	58		ug/L	1	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	116%	7%	
C120914ALCD	C120914ALCD	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	98%	6%	
C120914ALCD	C120914ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	4%	
C120914ALCD	C120914ALCD	ORG	XYLMP	p&m-Xylene	106		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	100	106%	5%	
C120914ALCD	C120914ALCD	ORG	95-47-6	o-Xylene	50		ug/L	1	0.13	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	100%	4%	
C120914ALCD	C120914ALCD	ORG	100-42-5	Styrene	51		ug/L	1	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	6%	
C120914ALCD	C120914ALCD	ORG	75-25-2	Bromoform	49		ug/L	2	0.47	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	98%	0%	
C120914ALCD	C120914ALCD	ORG	98-82-8	Isopropylbenzene	51		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	4%	
C120914ALCD	C120914ALCD	ORG	103-65-1	n-Propylbenzene	52		ug/L	2	0.27	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	4%	
C120914ALCD	C120914ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	8%	

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C120914ALCD	C120914ALCD	ORG	96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	8%	
C120914ALCD	C120914ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	53		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	6%	
C120914ALCD	C120914ALCD	ORG	98-06-6	tert-Butylbenzene	52		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	2%	
C120914ALCD	C120914ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	53		ug/L	2	0.20	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	6%	
C120914ALCD	C120914ALCD	ORG	135-98-8	sec-Butylbenzene	51		ug/L	2	0.32	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	4%	
C120914ALCD	C120914ALCD	ORG	541-73-1	1,3-Dichlorobenzene	54		ug/L	2	0.22	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	4%	
C120914ALCD	C120914ALCD	ORG	99-87-6	p-Isopropltoluene	52		ug/L	2	0.25	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	6%	
C120914ALCD	C120914ALCD	ORG	106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	2%	
C120914ALCD	C120914ALCD	ORG	95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	2%	
C120914ALCD	C120914ALCD	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	116%	5%	
C120914ALCD	C120914ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	6%	
C120914ALCD	C120914ALCD	ORG	87-68-3	Hexachlorobutadiene	56		ug/L	5	0.65	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	112%	2%	
C120914ALCD	C120914ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	108%	4%	
C120914ALCD	C120914ALCD	ORG	91-20-3	Naphthalene	43		ug/L	5	0.56	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	86%	5%	
C120914ALCD	C120914ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	2%	
C120914ALCD	C120914ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	102%	4%	
C120914ALCD	C120914ALCD	STD	17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	104%	6%	
C120914ALCD	C120914ALCD	STD	2037-26-5	Toluene d8	53		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	106%	4%	
C120914ALCD	C120914ALCD	STD	460-00-4	Bromofluorobenzene	46		ug/L	1	0.10	NA	12/9/2014	12/9/2014	WQ	1	NA	5.0	NA	SW8260B	NALC3684	50	92%	6%	

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
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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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NAL13026-1766MS	T1-085	ORG	75-71-8	Dichlorodifluoromethane	120		ug/L	25	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	48%		
NAL13026-1766MS	T1-085	ORG	74-87-3	Chloromethane	180		ug/L	25	2.15	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	72%		
NAL13026-1766MS	T1-085	ORG	75-01-4	Vinyl chloride	200		ug/L	10	1.59	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	80%		
NAL13026-1766MS	T1-085	ORG	74-83-9	Bromomethane	230		ug/L	25	2.50	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	92%		
NAL13026-1766MS	T1-085	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	75-69-4	Trichlorofluoromethane	290		ug/L	25	0.98	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	116%		
NAL13026-1766MS	T1-085	ORG	75-35-4	1,1-Dichloroethene	190		ug/L	5	2.36	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	76%		
NAL13026-1766MS	T1-085	ORG	75-09-2	Methylene chloride	220		ug/L	25	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	88%		
NAL13026-1766MS	T1-085	ORG	67-64-1	Acetone	25000		ug/L	50	7.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	-1600%		29000
NAL13026-1766MS	T1-085	ORG	156-60-5	trans-1,2-Dichloroethene	250		ug/L	5	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	100%		
NAL13026-1766MS	T1-085	ORG	1634-04-4	MTBE	220		ug/L	25	3.06	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	88%		
NAL13026-1766MS	T1-085	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	96%		
NAL13026-1766MS	T1-085	ORG	156-59-2	cis-1,2-Dichloroethene	230		ug/L	5	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	92%		
NAL13026-1766MS	T1-085	ORG	74-97-5	Bromochloromethane	250		ug/L	50	2.07	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	100%		
NAL13026-1766MS	T1-085	ORG	67-66-3	Chloroform	250		ug/L	10	0.79	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	100%		
NAL13026-1766MS	T1-085	ORG	71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	104%		
NAL13026-1766MS	T1-085	ORG	78-93-3	2-Butanone	25000		ug/L	5	4.06	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	8000%		5000
NAL13026-1766MS	T1-085	ORG	56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	71-43-2	Benzene	260		ug/L	5	0.68	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	102%		4.4
NAL13026-1766MS	T1-085	ORG	107-06-2	1,2-Dichloroethane	270		ug/L	5	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	79-01-6	Trichloroethene	260		ug/L	5	1.82	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	104%		
NAL13026-1766MS	T1-085	ORG	74-95-3	Dibromomethane	240		ug/L	10	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	96%		
NAL13026-1766MS	T1-085	ORG	78-87-5	1,2-Dichloropropane	230		ug/L	5	0.91	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	92%		
NAL13026-1766MS	T1-085	ORG	75-27-4	Bromodichloromethane	270		ug/L	10	0.58	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	10061-01-5	cis-1,3-Dichloropropene	270		ug/L	5	1.25	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	108-88-3	Toluene	270		ug/L	5	1.05	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	107%		3.0
NAL13026-1766MS	T1-085	ORG	108-10-1	4-Methyl-2-pentanone	990		ug/L	25	3.70	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	116%		700
NAL13026-1766MS	T1-085	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	127-18-4	Tetrachloroethene	280		ug/L	5	2.43	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	112%		
NAL13026-1766MS	T1-085	ORG	79-00-5	1,1,2-Trichloroethane	270		ug/L	5	1.71	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	108%		
NAL13026-1766MS	T1-085	ORG	124-48-1	Dibromochloromethane	290		ug/L	25	1.49	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	116%		
NAL13026-1766MS	T1-085	ORG	106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	100%		
NAL13026-1766MS	T1-085	ORG	591-78-6	2-Hexanone	530		ug/L	10	3.45	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	112%		250
NAL13026-1766MS	T1-085	ORG	100-41-4	Ethylbenzene	280		ug/L	5	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	110%		4.0
NAL13026-1766MS	T1-085	ORG	108-90-7	Chlorobenzene	220		ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	87%		2.4
NAL13026-1766MS	T1-085	ORG	630-20-6	1,1,1,2-Tetrachloroethane	230		ug/L	10	0.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	92%		
NAL13026-1766MS	T1-085	ORG	XYLMP	p&m-Xylene	500		ug/L	10	1.31	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	500	96%		22
NAL13026-1766MS	T1-085	ORG	95-47-6	o-Xylene	250		ug/L	5	0.64	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	91%		22
NAL13026-1766MS	T1-085	ORG	100-42-5	Styrene	240		ug/L	5	1.01	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	96%		
NAL13026-1766MS	T1-085	ORG	75-25-2	Bromoform	240		ug/L	10	2.34	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	96%		
NAL13026-1766MS	T1-085	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	102%		25
NAL13026-1766MS	T1-085	ORG	103-65-1	n-Propylbenzene	260		ug/L	10	1.35	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	96%		19
NAL13026-1766MS	T1-085	ORG	79-34-5	1,1,2,2-Tetrachloroethane	260		ug/L	10	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	104%		

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NAL13026-1766MS	T1-085	ORG	96-18-4	1,2,3-Trichloropropane	230		ug/L	10	1.47	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	92%		
NAL13026-1766MS	T1-085	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	97%		28
NAL13026-1766MS	T1-085	ORG	98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	98%		26
NAL13026-1766MS	T1-085	ORG	95-63-6	1,2,4-Trimethylbenzene	320		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	89%		98
NAL13026-1766MS	T1-085	ORG	135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	97%		27
NAL13026-1766MS	T1-085	ORG	541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	104%		
NAL13026-1766MS	T1-085	ORG	99-87-6	p-Isopropltoluene	560		ug/L	10	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	52%		430
NAL13026-1766MS	T1-085	ORG	106-46-7	1,4-Dichlorobenzene	380		ug/L	10	1.65	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	88%		160
NAL13026-1766MS	T1-085	ORG	95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	106%		4.0
NAL13026-1766MS	T1-085	ORG	104-51-8	n-Butylbenzene	320		ug/L	25	1.39	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	120%		21
NAL13026-1766MS	T1-085	ORG	96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	128%		
NAL13026-1766MS	T1-085	ORG	87-68-3	Hexachlorobutadiene	220		ug/L	25	3.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	88%		
NAL13026-1766MS	T1-085	ORG	120-82-1	1,2,4-Trichlorobenzene	300		ug/L	25	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	116%		9.0
NAL13026-1766MS	T1-085	ORG	91-20-3	Naphthalene	700		ug/L	25	2.80	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	64%		540
NAL13026-1766MS	T1-085	ORG	87-61-6	1,2,3-Trichlorobenzene	270		ug/L	25	1.16	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	250	106%		5.0
NAL13026-1766MS	T1-085	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	50	100%		
NAL13026-1766MS	T1-085	STD	17060-07-0	1,2-Dichloroethane d4	51		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	50	102%		
NAL13026-1766MS	T1-085	STD	2037-26-5	Toluene d8	53		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	50	106%		
NAL13026-1766MS	T1-085	STD	460-00-4	Bromofluorobenzene	57		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3685	50	114%		

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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
NAL13026-1766MSD	T1-085	ORG	75-71-8	Dichlorodifluoromethane	110		ug/L	25	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	44%	9%	
NAL13026-1766MSD	T1-085	ORG	74-87-3	Chloromethane	170		ug/L	25	2.15	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	68%	6%	
NAL13026-1766MSD	T1-085	ORG	75-01-4	Vinyl chloride	200		ug/L	10	1.59	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	80%	0%	
NAL13026-1766MSD	T1-085	ORG	74-83-9	Bromomethane	210		ug/L	25	2.50	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	84%	9%	
NAL13026-1766MSD	T1-085	ORG	75-00-3	Chloroethane	240		ug/L	25	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	12%	
NAL13026-1766MSD	T1-085	ORG	75-69-4	Trichlorofluoromethane	250		ug/L	25	0.98	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	100%	15%	
NAL13026-1766MSD	T1-085	ORG	75-35-4	1,1-Dichloroethene	170		ug/L	5	2.36	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	68%	11%	
NAL13026-1766MSD	T1-085	ORG	75-09-2	Methylene chloride	210		ug/L	25	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	84%	5%	
NAL13026-1766MSD	T1-085	ORG	67-64-1	Acetone	23000		ug/L	50	7.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	-2400%	8%	29000
NAL13026-1766MSD	T1-085	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	8%	
NAL13026-1766MSD	T1-085	ORG	1634-04-4	MTBE	220		ug/L	25	3.06	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	88%	0%	
NAL13026-1766MSD	T1-085	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	4%	
NAL13026-1766MSD	T1-085	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	4%	
NAL13026-1766MSD	T1-085	ORG	74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	8%	
NAL13026-1766MSD	T1-085	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	8%	
NAL13026-1766MSD	T1-085	ORG	71-55-6	1,1,1-Trichloroethane	230		ug/L	5	0.83	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	12%	
NAL13026-1766MSD	T1-085	ORG	78-93-3	2-Butanone	23000		ug/L	5	4.06	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	7200%	8%	5000
NAL13026-1766MSD	T1-085	ORG	56-23-5	Carbon tetrachloride	240		ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	12%	
NAL13026-1766MSD	T1-085	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	94%	8%	4.4
NAL13026-1766MSD	T1-085	ORG	107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	16%	
NAL13026-1766MSD	T1-085	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	8%	
NAL13026-1766MSD	T1-085	ORG	74-95-3	Dibromomethane	220		ug/L	10	1.61	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	88%	9%	
NAL13026-1766MSD	T1-085	ORG	78-87-5	1,2-Dichloropropane	230		ug/L	5	0.91	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	0%	
NAL13026-1766MSD	T1-085	ORG	75-27-4	Bromodichloromethane	240		ug/L	10	0.58	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	12%	
NAL13026-1766MSD	T1-085	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	100%	8%	
NAL13026-1766MSD	T1-085	ORG	108-88-3	Toluene	250		ug/L	5	1.05	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	99%	8%	3.0
NAL13026-1766MSD	T1-085	ORG	108-10-1	4-Methyl-2-pentanone	880		ug/L	25	3.70	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	72%	12%	700
NAL13026-1766MSD	T1-085	ORG	10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	104%	4%	
NAL13026-1766MSD	T1-085	ORG	127-18-4	Tetrachloroethene	260		ug/L	5	2.43	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	104%	7%	
NAL13026-1766MSD	T1-085	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	12%	
NAL13026-1766MSD	T1-085	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	104%	11%	
NAL13026-1766MSD	T1-085	ORG	106-93-4	1,2-Dibromoethane	210		ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	84%	17%	
NAL13026-1766MSD	T1-085	ORG	591-78-6	2-Hexanone	470		ug/L	10	3.45	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	88%	12%	250
NAL13026-1766MSD	T1-085	ORG	100-41-4	Ethylbenzene	300		ug/L	5	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	118%	7%	4.0
NAL13026-1766MSD	T1-085	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	95%	9%	2.4
NAL13026-1766MSD	T1-085	ORG	630-20-6	1,1,1,2-Tetrachloroethane	240		ug/L	10	0.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	4%	
NAL13026-1766MSD	T1-085	ORG	XYLMP	p&m-Xylene	530		ug/L	10	1.31	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	500	102%	6%	22
NAL13026-1766MSD	T1-085	ORG	95-47-6	o-Xylene	260		ug/L	5	0.64	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	95%	4%	22
NAL13026-1766MSD	T1-085	ORG	100-42-5	Styrene	250		ug/L	5	1.01	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	100%	4%	
NAL13026-1766MSD	T1-085	ORG	75-25-2	Bromoform	230		ug/L	10	2.34	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	92%	4%	
NAL13026-1766MSD	T1-085	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	106%	4%	25
NAL13026-1766MSD	T1-085	ORG	103-65-1	n-Propylbenzene	260		ug/L	10	1.35	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	96%	0%	19
NAL13026-1766MSD	T1-085	ORG	79-34-5	1,1,2,2-Tetrachloroethane	260		ug/L	10	1.46	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	104%	0%	

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NAL13026-1766MSD	T1-085	ORG	96-18-4	1,2,3-Trichloropropane	220		ug/L	10	1.47	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	88%	4%	
NAL13026-1766MSD	T1-085	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	97%	0%	28
NAL13026-1766MSD	T1-085	ORG	98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	98%	0%	26
NAL13026-1766MSD	T1-085	ORG	95-63-6	1,2,4-Trimethylbenzene	320		ug/L	10	1.00	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	89%	0%	98
NAL13026-1766MSD	T1-085	ORG	135-98-8	sec-Butylbenzene	260		ug/L	10	1.62	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	93%	4%	27
NAL13026-1766MSD	T1-085	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	100%	4%	
NAL13026-1766MSD	T1-085	ORG	99-87-6	p-Isopropltoluene	560		ug/L	10	1.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	52%	0%	430
NAL13026-1766MSD	T1-085	ORG	106-46-7	1,4-Dichlorobenzene	370		ug/L	10	1.65	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	84%	3%	160
NAL13026-1766MSD	T1-085	ORG	95-50-1	1,2-Dichlorobenzene	260		ug/L	10	1.32	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	102%	4%	4.0
NAL13026-1766MSD	T1-085	ORG	104-51-8	n-Butylbenzene	310		ug/L	25	1.39	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	116%	3%	21
NAL13026-1766MSD	T1-085	ORG	96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	116%	10%	
NAL13026-1766MSD	T1-085	ORG	87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	80%	10%	
NAL13026-1766MSD	T1-085	ORG	120-82-1	1,2,4-Trichlorobenzene	290		ug/L	25	1.38	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	112%	3%	9.0
NAL13026-1766MSD	T1-085	ORG	91-20-3	Naphthalene	680		ug/L	25	2.80	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	56%	3%	540
NAL13026-1766MSD	T1-085	ORG	87-61-6	1,2,3-Trichlorobenzene	260		ug/L	25	1.16	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	250	102%	4%	5.0
NAL13026-1766MSD	T1-085	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	50	98%	2%	
NAL13026-1766MSD	T1-085	STD	17060-07-0	1,2-Dichloroethane d4	44		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	50	88%	15%	
NAL13026-1766MSD	T1-085	STD	2037-26-5	Toluene d8	51		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	50	102%	4%	
NAL13026-1766MSD	T1-085	STD	460-00-4	Bromofluorobenzene	58		ug/L	1	0.10	12/9/2014	12/9/2014	12/9/2014	WG	5	NA	5.0	NA	SW8260B	NALC3686	50	116%	2%	

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NAL13026-1767	T1-086	ORG	75-71-8	Dichlorodifluoromethane		UX-	ug/L	25	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	74-87-3	Chloromethane		UX-	ug/L	25	2.15	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	67-64-1	Acetone	39000	D	ug/L	5000	778.04	12/10/2014	12/10/2014	12/10/2014	WG	500	NA	5.0	NA	SW8260B	NALD5531				
NAL13026-1767	T1-086	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	78-93-3	2-Butanone	17000	D	ug/L	5000	405.90	12/10/2014	12/10/2014	12/10/2014	WG	500	NA	5.0	NA	SW8260B	NALD5531				
NAL13026-1767	T1-086	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	71-43-2	Benzene	6.1		ug/L	5	0.68	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	108-88-3	Toluene	3.2	J	ug/L	5	1.05	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	108-10-1	4-Methyl-2-pentanone	830		ug/L	25	3.70	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	591-78-6	2-Hexanone	400		ug/L	25	3.45	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	100-41-4	Ethylbenzene	8.0		ug/L	5	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	XYLMP	p&m-Xylene	20	U	ug/L	10	1.31	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	95-47-6	o-Xylene	19	X+	ug/L	5	0.64	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	100-42-5	Styrene	2.3	JX+	ug/L	5	1.01	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

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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
NAL13026-1767	T1-086	ORG	108-67-8	1,3,5-Trimethylbenzene	11		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	95-63-6	1,2,4-Trimethylbenzene	100		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	99-87-6	p-Isopropltoluene	440		ug/L	10	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	106-46-7	1,4-Dichlorobenzene	170		ug/L	10	1.65	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	95-50-1	1,2-Dichlorobenzene	3.3	J	ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	104-51-8	n-Butylbenzene	10	J	ug/L	25	1.39	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	120-82-1	1,2,4-Trichlorobenzene	6.7	J	ug/L	25	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	91-20-3	Naphthalene	610		ug/L	25	2.80	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	ORG	87-61-6	1,2,3-Trichlorobenzene	2.7	J	ug/L	25	1.16	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532				
NAL13026-1767	T1-086	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532	50	98%		
NAL13026-1767	T1-086	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532	50	96%		
NAL13026-1767	T1-086	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532	50	98%		
NAL13026-1767	T1-086	STD	460-00-4	Bromofluorobenzene	56		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5532	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	Spike	% Rec	% RPD	Parent
D121014CCVB	D121014CCVB	ORG	75-71-8	Dichlorodifluoromethane	22		ug/L	5	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	44%		
D121014CCVB	D121014CCVB	ORG	74-87-3	Chloromethane	36		ug/L	5	0.43	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	72%		
D121014CCVB	D121014CCVB	ORG	75-01-4	Vinyl chloride	40		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	80%		
D121014CCVB	D121014CCVB	ORG	74-83-9	Bromomethane	60		ug/L	5	0.50	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	120%		
D121014CCVB	D121014CCVB	ORG	75-00-3	Chloroethane	51		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	102%		
D121014CCVB	D121014CCVB	ORG	75-69-4	Trichlorofluoromethane	150		ug/L	5	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	300%		
D121014CCVB	D121014CCVB	ORG	75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	92%		
D121014CCVB	D121014CCVB	ORG	67-64-1	Acetone	44		ug/L	10	1.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	88%		
D121014CCVB	D121014CCVB	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	94%		
D121014CCVB	D121014CCVB	ORG	1634-04-4	MTBE	45		ug/L	5	0.61	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	90%		
D121014CCVB	D121014CCVB	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	96%		
D121014CCVB	D121014CCVB	ORG	156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	106%		
D121014CCVB	D121014CCVB	ORG	74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	67-66-3	Chloroform	50		ug/L	2	0.16	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	106%		
D121014CCVB	D121014CCVB	ORG	78-93-3	2-Butanone	52		ug/L	1	0.81	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	104%		
D121014CCVB	D121014CCVB	ORG	56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	112%		
D121014CCVB	D121014CCVB	ORG	71-43-2	Benzene	50		ug/L	1	0.14	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	98%		
D121014CCVB	D121014CCVB	ORG	79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	102%		
D121014CCVB	D121014CCVB	ORG	74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	102%		
D121014CCVB	D121014CCVB	ORG	78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	104%		
D121014CCVB	D121014CCVB	ORG	75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	108%		
D121014CCVB	D121014CCVB	ORG	10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	108-88-3	Toluene	51		ug/L	1	0.21	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	102%		
D121014CCVB	D121014CCVB	ORG	108-10-1	4-Methyl-2-pentanone	50		ug/L	5	0.74	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	98%		
D121014CCVB	D121014CCVB	ORG	127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	82%		
D121014CCVB	D121014CCVB	ORG	79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	98%		
D121014CCVB	D121014CCVB	ORG	124-48-1	Dibromochloromethane	50		ug/L	5	0.30	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	100%		
D121014CCVB	D121014CCVB	ORG	106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	104%		
D121014CCVB	D121014CCVB	ORG	591-78-6	2-Hexanone	43		ug/L	2	0.69	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	86%		
D121014CCVB	D121014CCVB	ORG	100-41-4	Ethylbenzene	60		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	120%		
D121014CCVB	D121014CCVB	ORG	108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	108%		
D121014CCVB	D121014CCVB	ORG	630-20-6	1,1,1,2-Tetrachloroethane	58		ug/L	2	0.19	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	116%		
D121014CCVB	D121014CCVB	ORG	XYLMP	p&m-Xylene	120		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	100	120%		
D121014CCVB	D121014CCVB	ORG	95-47-6	o-Xylene	63		ug/L	1	0.13	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	126%		
D121014CCVB	D121014CCVB	ORG	100-42-5	Styrene	62		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	124%		
D121014CCVB	D121014CCVB	ORG	75-25-2	Bromoform	49		ug/L	2	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	98%		
D121014CCVB	D121014CCVB	ORG	98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	118%		
D121014CCVB	D121014CCVB	ORG	103-65-1	n-Propylbenzene	60		ug/L	2	0.27	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	120%		
D121014CCVB	D121014CCVB	ORG	79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	104%		
D121014CCVB	D121014CCVB	ORG	96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	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
D121014CCVB	D121014CCVB	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	112%		
D121014CCVB	D121014CCVB	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	116%		
D121014CCVB	D121014CCVB	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	112%		
D121014CCVB	D121014CCVB	ORG	135-98-8	sec-Butylbenzene	59		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	118%		
D121014CCVB	D121014CCVB	ORG	541-73-1	1,3-Dichlorobenzene	56		ug/L	2	0.22	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	112%		
D121014CCVB	D121014CCVB	ORG	99-87-6	p-Isopropltoluene	57		ug/L	2	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	114%		
D121014CCVB	D121014CCVB	ORG	106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	106%		
D121014CCVB	D121014CCVB	ORG	95-50-1	1,2-Dichlorobenzene	55		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	110%		
D121014CCVB	D121014CCVB	ORG	104-51-8	n-Butylbenzene	60		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	120%		
D121014CCVB	D121014CCVB	ORG	96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	106%		
D121014CCVB	D121014CCVB	ORG	87-68-3	Hexachlorobutadiene	60		ug/L	5	0.65	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	120%		
D121014CCVB	D121014CCVB	ORG	120-82-1	1,2,4-Trichlorobenzene	58		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	116%		
D121014CCVB	D121014CCVB	ORG	91-20-3	Naphthalene	56		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	112%		
D121014CCVB	D121014CCVB	ORG	87-61-6	1,2,3-Trichlorobenzene	55		ug/L	5	0.23	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	110%		
D121014CCVB	D121014CCVB	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	102%		
D121014CCVB	D121014CCVB	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	94%		
D121014CCVB	D121014CCVB	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	98%		
D121014CCVB	D121014CCVB	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5529	50	106%		

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D121014MBKA	D121014MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				

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D121014MBKA	D121014MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530				
D121014MBKA	D121014MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530	50	98%		
D121014MBKA	D121014MBKA	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530	50	100%		
D121014MBKA	D121014MBKA	STD	2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530	50	104%		
D121014MBKA	D121014MBKA	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5530	50	106%		

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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	Spike	% Rec	% RPD	Parent
D121014ALCS	D121014ALCS	ORG	75-71-8	Dichlorodifluoromethane	23		ug/L	5	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	46%		
D121014ALCS	D121014ALCS	ORG	74-87-3	Chloromethane	35		ug/L	5	0.43	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	70%		
D121014ALCS	D121014ALCS	ORG	75-01-4	Vinyl chloride	42		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	84%		
D121014ALCS	D121014ALCS	ORG	74-83-9	Bromomethane	50		ug/L	5	0.50	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	100%		
D121014ALCS	D121014ALCS	ORG	75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	110%		
D121014ALCS	D121014ALCS	ORG	75-69-4	Trichlorofluoromethane	300		ug/L	5	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	600%		
D121014ALCS	D121014ALCS	ORG	75-35-4	1,1-Dichloroethene	44		ug/L	1	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	88%		
D121014ALCS	D121014ALCS	ORG	75-09-2	Methylene chloride	44		ug/L	5	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	88%		
D121014ALCS	D121014ALCS	ORG	67-64-1	Acetone	28		ug/L	10	1.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	56%		
D121014ALCS	D121014ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	92%		
D121014ALCS	D121014ALCS	ORG	1634-04-4	MTBE	44		ug/L	5	0.61	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	88%		
D121014ALCS	D121014ALCS	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	96%		
D121014ALCS	D121014ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	52		ug/L	1	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	104%		
D121014ALCS	D121014ALCS	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	96%		
D121014ALCS	D121014ALCS	ORG	67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	104%		
D121014ALCS	D121014ALCS	ORG	78-93-3	2-Butanone	59		ug/L	1	0.81	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	118%		
D121014ALCS	D121014ALCS	ORG	56-23-5	Carbon tetrachloride	55		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	110%		
D121014ALCS	D121014ALCS	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	94%		
D121014ALCS	D121014ALCS	ORG	79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	102%		
D121014ALCS	D121014ALCS	ORG	74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	102%		
D121014ALCS	D121014ALCS	ORG	75-27-4	Bromodichloromethane	54		ug/L	2	0.12	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	108%		
D121014ALCS	D121014ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	49		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	108-88-3	Toluene	50		ug/L	1	0.21	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	100%		
D121014ALCS	D121014ALCS	ORG	108-10-1	4-Methyl-2-pentanone	48		ug/L	5	0.74	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	96%		
D121014ALCS	D121014ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	49		ug/L	1	0.31	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	127-18-4	Tetrachloroethene	39		ug/L	1	0.49	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	78%		
D121014ALCS	D121014ALCS	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	94%		
D121014ALCS	D121014ALCS	ORG	124-48-1	Dibromochloromethane	48		ug/L	5	0.30	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	96%		
D121014ALCS	D121014ALCS	ORG	106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	102%		
D121014ALCS	D121014ALCS	ORG	591-78-6	2-Hexanone	40		ug/L	2	0.69	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	80%		
D121014ALCS	D121014ALCS	ORG	100-41-4	Ethylbenzene	61		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	122%		
D121014ALCS	D121014ALCS	ORG	108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	108%		
D121014ALCS	D121014ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	58		ug/L	2	0.19	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	116%		
D121014ALCS	D121014ALCS	ORG	XYLMP	p&m-Xylene	120		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	100	120%		
D121014ALCS	D121014ALCS	ORG	95-47-6	o-Xylene	63		ug/L	1	0.13	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	126%		
D121014ALCS	D121014ALCS	ORG	100-42-5	Styrene	62		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	124%		
D121014ALCS	D121014ALCS	ORG	75-25-2	Bromoform	47		ug/L	2	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	94%		
D121014ALCS	D121014ALCS	ORG	98-82-8	Isopropylbenzene	60		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	120%		
D121014ALCS	D121014ALCS	ORG	103-65-1	n-Propylbenzene	61		ug/L	2	0.27	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	122%		
D121014ALCS	D121014ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	ORG	96-18-4	1,2,3-Trichloropropane	47		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	94%		

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D121014ALCS	D121014ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	112%		
D121014ALCS	D121014ALCS	ORG	98-06-6	tert-Butylbenzene	60		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	120%		
D121014ALCS	D121014ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	112%		
D121014ALCS	D121014ALCS	ORG	135-98-8	sec-Butylbenzene	60		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	120%		
D121014ALCS	D121014ALCS	ORG	541-73-1	1,3-Dichlorobenzene	55		ug/L	2	0.22	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	110%		
D121014ALCS	D121014ALCS	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	116%		
D121014ALCS	D121014ALCS	ORG	106-46-7	1,4-Dichlorobenzene	53		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	106%		
D121014ALCS	D121014ALCS	ORG	95-50-1	1,2-Dichlorobenzene	54		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	108%		
D121014ALCS	D121014ALCS	ORG	104-51-8	n-Butylbenzene	61		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	122%		
D121014ALCS	D121014ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	50		ug/L	5	1.59	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	100%		
D121014ALCS	D121014ALCS	ORG	87-68-3	Hexachlorobutadiene	61		ug/L	5	0.65	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	122%		
D121014ALCS	D121014ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	112%		
D121014ALCS	D121014ALCS	ORG	91-20-3	Naphthalene	52		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	104%		
D121014ALCS	D121014ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	104%		
D121014ALCS	D121014ALCS	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	102%		
D121014ALCS	D121014ALCS	STD	17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	92%		
D121014ALCS	D121014ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	98%		
D121014ALCS	D121014ALCS	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5539	50	106%		

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D121014ALCD	D121014ALCD	ORG	75-71-8	Dichlorodifluoromethane	22		ug/L	5	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	44%	4%	
D121014ALCD	D121014ALCD	ORG	74-87-3	Chloromethane	34		ug/L	5	0.43	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	68%	3%	
D121014ALCD	D121014ALCD	ORG	75-01-4	Vinyl chloride	40		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	80%	5%	
D121014ALCD	D121014ALCD	ORG	74-83-9	Bromomethane	57		ug/L	5	0.50	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	13%	
D121014ALCD	D121014ALCD	ORG	75-00-3	Chloroethane	54		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	108%	2%	
D121014ALCD	D121014ALCD	ORG	75-69-4	Trichlorofluoromethane	47		ug/L	5	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	94%	146%	
D121014ALCD	D121014ALCD	ORG	75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	13%	
D121014ALCD	D121014ALCD	ORG	75-09-2	Methylene chloride	46		ug/L	5	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	92%	4%	
D121014ALCD	D121014ALCD	ORG	67-64-1	Acetone	38		ug/L	10	1.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	76%	30%	
D121014ALCD	D121014ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	94%	2%	
D121014ALCD	D121014ALCD	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	94%	7%	
D121014ALCD	D121014ALCD	ORG	75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	98%	2%	
D121014ALCD	D121014ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	53		ug/L	1	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	106%	2%	
D121014ALCD	D121014ALCD	ORG	74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	4%	
D121014ALCD	D121014ALCD	ORG	67-66-3	Chloroform	50		ug/L	2	0.16	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	2%	
D121014ALCD	D121014ALCD	ORG	71-55-6	1,1,1-Trichloroethane	53		ug/L	1	0.17	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	106%	2%	
D121014ALCD	D121014ALCD	ORG	78-93-3	2-Butanone	63		ug/L	1	0.81	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	126%	7%	
D121014ALCD	D121014ALCD	ORG	56-23-5	Carbon tetrachloride	56		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	112%	2%	
D121014ALCD	D121014ALCD	ORG	71-43-2	Benzene	50		ug/L	1	0.14	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	2%	
D121014ALCD	D121014ALCD	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	98%	4%	
D121014ALCD	D121014ALCD	ORG	79-01-6	Trichloroethene	51		ug/L	1	0.36	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	0%	
D121014ALCD	D121014ALCD	ORG	74-95-3	Dibromomethane	52		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	104%	6%	
D121014ALCD	D121014ALCD	ORG	78-87-5	1,2-Dichloropropane	52		ug/L	1	0.18	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	104%	2%	
D121014ALCD	D121014ALCD	ORG	75-27-4	Bromodichloromethane	55		ug/L	2	0.12	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	110%	2%	
D121014ALCD	D121014ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	4%	
D121014ALCD	D121014ALCD	ORG	108-88-3	Toluene	51		ug/L	1	0.21	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	2%	
D121014ALCD	D121014ALCD	ORG	108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	112%	15%	
D121014ALCD	D121014ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	51		ug/L	1	0.31	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	4%	
D121014ALCD	D121014ALCD	ORG	127-18-4	Tetrachloroethene	41		ug/L	1	0.49	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	82%	5%	
D121014ALCD	D121014ALCD	ORG	79-00-5	1,1,2-Trichloroethane	50		ug/L	1	0.34	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	6%	
D121014ALCD	D121014ALCD	ORG	124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	6%	
D121014ALCD	D121014ALCD	ORG	106-93-4	1,2-Dibromoethane	55		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	110%	8%	
D121014ALCD	D121014ALCD	ORG	591-78-6	2-Hexanone	50		ug/L	2	0.69	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	22%	
D121014ALCD	D121014ALCD	ORG	100-41-4	Ethylbenzene	61		ug/L	1	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	122%	0%	
D121014ALCD	D121014ALCD	ORG	108-90-7	Chlorobenzene	54		ug/L	1	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	108%	0%	
D121014ALCD	D121014ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	58		ug/L	2	0.19	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	116%	0%	
D121014ALCD	D121014ALCD	ORG	XYLMP	p&m-Xylene	120		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	100	120%	0%	
D121014ALCD	D121014ALCD	ORG	95-47-6	o-Xylene	63		ug/L	1	0.13	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	126%	0%	
D121014ALCD	D121014ALCD	ORG	100-42-5	Styrene	63		ug/L	1	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	126%	2%	
D121014ALCD	D121014ALCD	ORG	75-25-2	Bromoform	50		ug/L	2	0.47	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	6%	
D121014ALCD	D121014ALCD	ORG	98-82-8	Isopropylbenzene	60		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	120%	0%	
D121014ALCD	D121014ALCD	ORG	103-65-1	n-Propylbenzene	61		ug/L	2	0.27	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	122%	0%	
D121014ALCD	D121014ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	55		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	110%	12%	
D121014ALCD	D121014ALCD	ORG	96-18-4	1,2,3-Trichloropropane	54		ug/L	2	0.29	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	108%	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.
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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
D121014ALCD	D121014ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	57		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	2%	
D121014ALCD	D121014ALCD	ORG	98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	118%	2%	
D121014ALCD	D121014ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	57		ug/L	2	0.20	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	2%	
D121014ALCD	D121014ALCD	ORG	135-98-8	sec-Butylbenzene	60		ug/L	2	0.32	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	120%	0%	
D121014ALCD	D121014ALCD	ORG	541-73-1	1,3-Dichlorobenzene	57		ug/L	2	0.22	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	4%	
D121014ALCD	D121014ALCD	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	116%	0%	
D121014ALCD	D121014ALCD	ORG	106-46-7	1,4-Dichlorobenzene	54		ug/L	2	0.33	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	108%	2%	
D121014ALCD	D121014ALCD	ORG	95-50-1	1,2-Dichlorobenzene	57		ug/L	2	0.26	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	5%	
D121014ALCD	D121014ALCD	ORG	104-51-8	n-Butylbenzene	62		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	124%	2%	
D121014ALCD	D121014ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	58		ug/L	5	1.59	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	116%	15%	
D121014ALCD	D121014ALCD	ORG	87-68-3	Hexachlorobutadiene	62		ug/L	5	0.65	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	124%	2%	
D121014ALCD	D121014ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	59		ug/L	5	0.28	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	118%	5%	
D121014ALCD	D121014ALCD	ORG	91-20-3	Naphthalene	62		ug/L	5	0.56	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	124%	18%	
D121014ALCD	D121014ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	57		ug/L	5	0.23	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	114%	9%	
D121014ALCD	D121014ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	102%	0%	
D121014ALCD	D121014ALCD	STD	17060-07-0	1,2-Dichloroethane d4	46		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	92%	0%	
D121014ALCD	D121014ALCD	STD	2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	100%	2%	
D121014ALCD	D121014ALCD	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/10/2014	12/10/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5540	50	106%	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
NAL13026-1767MS	T1-086	ORG	75-71-8	Dichlorodifluoromethane	100		ug/L	25	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	40%		
NAL13026-1767MS	T1-086	ORG	74-87-3	Chloromethane	180		ug/L	25	2.15	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	72%		
NAL13026-1767MS	T1-086	ORG	75-01-4	Vinyl chloride	190		ug/L	10	1.59	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	76%		
NAL13026-1767MS	T1-086	ORG	74-83-9	Bromomethane	250		ug/L	25	2.50	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	100%		
NAL13026-1767MS	T1-086	ORG	75-00-3	Chloroethane	260		ug/L	25	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	75-69-4	Trichlorofluoromethane	410		ug/L	25	0.98	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	164%		
NAL13026-1767MS	T1-086	ORG	75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	75-09-2	Methylene chloride	230		ug/L	25	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	92%		
NAL13026-1767MS	T1-086	ORG	67-64-1	Acetone	39000		ug/L	50	7.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	0%		39000
NAL13026-1767MS	T1-086	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	92%		
NAL13026-1767MS	T1-086	ORG	1634-04-4	MTBE	220		ug/L	25	3.06	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	88%		
NAL13026-1767MS	T1-086	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	92%		
NAL13026-1767MS	T1-086	ORG	156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	67-66-3	Chloroform	240		ug/L	10	0.79	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	100%		
NAL13026-1767MS	T1-086	ORG	78-93-3	2-Butanone	20000		ug/L	5	4.06	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	1200%		17000
NAL13026-1767MS	T1-086	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	94%		6.1
NAL13026-1767MS	T1-086	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	75-27-4	Bromodichloromethane	260		ug/L	10	0.58	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	95%		3.2
NAL13026-1767MS	T1-086	ORG	108-10-1	4-Methyl-2-pentanone	1200		ug/L	25	3.70	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	148%		830
NAL13026-1767MS	T1-086	ORG	10061-02-6	trans-1,3-Dichloropropene	230		ug/L	5	1.56	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	92%		
NAL13026-1767MS	T1-086	ORG	127-18-4	Tetrachloroethene	200		ug/L	5	2.43	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	80%		
NAL13026-1767MS	T1-086	ORG	79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	100%		
NAL13026-1767MS	T1-086	ORG	124-48-1	Dibromochloromethane	240		ug/L	25	1.49	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	96%		
NAL13026-1767MS	T1-086	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	591-78-6	2-Hexanone	550		ug/L	10	3.45	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	60%		400
NAL13026-1767MS	T1-086	ORG	100-41-4	Ethylbenzene	290		ug/L	5	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	113%		8.0
NAL13026-1767MS	T1-086	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	100%		
NAL13026-1767MS	T1-086	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		
NAL13026-1767MS	T1-086	ORG	XYLMP	p&m-Xylene	560		ug/L	10	1.31	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	500	108%		20
NAL13026-1767MS	T1-086	ORG	95-47-6	o-Xylene	320		ug/L	5	0.64	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	120%		19
NAL13026-1767MS	T1-086	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	123%		2.3
NAL13026-1767MS	T1-086	ORG	75-25-2	Bromoform	230		ug/L	10	2.34	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	92%		
NAL13026-1767MS	T1-086	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	112%		
NAL13026-1767MS	T1-086	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	116%		
NAL13026-1767MS	T1-086	ORG	79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	120%		
NAL13026-1767MS	T1-086	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		

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.
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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
NAL13026-1767MS	T1-086	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	108%		11
NAL13026-1767MS	T1-086	ORG	98-06-6	tert-Butylbenzene	270		ug/L	10	1.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	108%		
NAL13026-1767MS	T1-086	ORG	95-63-6	1,2,4-Trimethylbenzene	380		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	112%		100
NAL13026-1767MS	T1-086	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	112%		
NAL13026-1767MS	T1-086	ORG	541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	108%		
NAL13026-1767MS	T1-086	ORG	99-87-6	p-Isopropltoluene	720		ug/L	10	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	112%		440
NAL13026-1767MS	T1-086	ORG	106-46-7	1,4-Dichlorobenzene	430		ug/L	10	1.65	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	104%		170
NAL13026-1767MS	T1-086	ORG	95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	107%		3.3
NAL13026-1767MS	T1-086	ORG	104-51-8	n-Butylbenzene	300		ug/L	25	1.39	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	116%		10
NAL13026-1767MS	T1-086	ORG	96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	124%		
NAL13026-1767MS	T1-086	ORG	87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	80%		
NAL13026-1767MS	T1-086	ORG	120-82-1	1,2,4-Trichlorobenzene	260		ug/L	25	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	101%		6.7
NAL13026-1767MS	T1-086	ORG	91-20-3	Naphthalene	880		ug/L	25	2.80	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	108%		610
NAL13026-1767MS	T1-086	ORG	87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	250	91%		2.7
NAL13026-1767MS	T1-086	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	50	102%		
NAL13026-1767MS	T1-086	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	50	100%		
NAL13026-1767MS	T1-086	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	50	96%		
NAL13026-1767MS	T1-086	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5536	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
NAL13026-1767MSD	T1-086	ORG	75-71-8	Dichlorodifluoromethane	110		ug/L	25	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	44%	10%	
NAL13026-1767MSD	T1-086	ORG	74-87-3	Chloromethane	190		ug/L	25	2.15	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	76%	5%	
NAL13026-1767MSD	T1-086	ORG	75-01-4	Vinyl chloride	200		ug/L	10	1.59	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	80%	5%	
NAL13026-1767MSD	T1-086	ORG	74-83-9	Bromomethane	260		ug/L	25	2.50	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	4%	
NAL13026-1767MSD	T1-086	ORG	75-00-3	Chloroethane	260		ug/L	25	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	
NAL13026-1767MSD	T1-086	ORG	75-69-4	Trichlorofluoromethane	490		ug/L	25	0.98	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	196%	18%	
NAL13026-1767MSD	T1-086	ORG	75-35-4	1,1-Dichloroethene	240		ug/L	5	2.36	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	0%	
NAL13026-1767MSD	T1-086	ORG	75-09-2	Methylene chloride	220		ug/L	25	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	88%	4%	
NAL13026-1767MSD	T1-086	ORG	67-64-1	Acetone	38000		ug/L	50	7.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	-400%	3%	39000
NAL13026-1767MSD	T1-086	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	92%	0%	
NAL13026-1767MSD	T1-086	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	9%	
NAL13026-1767MSD	T1-086	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	4%	
NAL13026-1767MSD	T1-086	ORG	156-59-2	cis-1,2-Dichloroethene	260		ug/L	5	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	
NAL13026-1767MSD	T1-086	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	0%	
NAL13026-1767MSD	T1-086	ORG	67-66-3	Chloroform	250		ug/L	10	0.79	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	100%	4%	
NAL13026-1767MSD	T1-086	ORG	71-55-6	1,1,1-Trichloroethane	260		ug/L	5	0.83	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	4%	
NAL13026-1767MSD	T1-086	ORG	78-93-3	2-Butanone	20000		ug/L	5	4.06	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	1200%	0%	17000
NAL13026-1767MSD	T1-086	ORG	56-23-5	Carbon tetrachloride	270		ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	4%	
NAL13026-1767MSD	T1-086	ORG	71-43-2	Benzene	250		ug/L	5	0.68	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	98%	4%	6.1
NAL13026-1767MSD	T1-086	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	0%	
NAL13026-1767MSD	T1-086	ORG	79-01-6	Trichloroethene	250		ug/L	5	1.82	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	100%	4%	
NAL13026-1767MSD	T1-086	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	
NAL13026-1767MSD	T1-086	ORG	78-87-5	1,2-Dichloropropane	260		ug/L	5	0.91	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	
NAL13026-1767MSD	T1-086	ORG	75-27-4	Bromodichloromethane	270		ug/L	10	0.58	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	4%	
NAL13026-1767MSD	T1-086	ORG	10061-01-5	cis-1,3-Dichloropropene	240		ug/L	5	1.25	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	0%	
NAL13026-1767MSD	T1-086	ORG	108-88-3	Toluene	250		ug/L	5	1.05	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	99%	4%	3.2
NAL13026-1767MSD	T1-086	ORG	108-10-1	4-Methyl-2-pentanone	1100		ug/L	25	3.70	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	9%	830
NAL13026-1767MSD	T1-086	ORG	10061-02-6	trans-1,3-Dichloropropene	240		ug/L	5	1.56	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	4%	
NAL13026-1767MSD	T1-086	ORG	127-18-4	Tetrachloroethene	200		ug/L	5	2.43	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	80%	0%	
NAL13026-1767MSD	T1-086	ORG	79-00-5	1,1,2-Trichloroethane	250		ug/L	5	1.71	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	100%	0%	
NAL13026-1767MSD	T1-086	ORG	124-48-1	Dibromochloromethane	240		ug/L	25	1.49	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	0%	
NAL13026-1767MSD	T1-086	ORG	106-93-4	1,2-Dibromoethane	270		ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	4%	
NAL13026-1767MSD	T1-086	ORG	591-78-6	2-Hexanone	540		ug/L	10	3.45	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	56%	2%	400
NAL13026-1767MSD	T1-086	ORG	100-41-4	Ethylbenzene	300		ug/L	5	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	117%	3%	8.0
NAL13026-1767MSD	T1-086	ORG	108-90-7	Chlorobenzene	260		ug/L	5	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	4%	
NAL13026-1767MSD	T1-086	ORG	630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	4%	
NAL13026-1767MSD	T1-086	ORG	XYLMP	p&m-Xylene	580		ug/L	10	1.31	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	500	112%	4%	20
NAL13026-1767MSD	T1-086	ORG	95-47-6	o-Xylene	320		ug/L	5	0.64	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	120%	0%	19
NAL13026-1767MSD	T1-086	ORG	100-42-5	Styrene	320		ug/L	5	1.01	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	127%	3%	2.3
NAL13026-1767MSD	T1-086	ORG	75-25-2	Bromoform	240		ug/L	10	2.34	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	96%	4%	
NAL13026-1767MSD	T1-086	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	116%	4%	
NAL13026-1767MSD	T1-086	ORG	103-65-1	n-Propylbenzene	300		ug/L	10	1.35	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	120%	3%	
NAL13026-1767MSD	T1-086	ORG	79-34-5	1,1,2,2-Tetrachloroethane	310		ug/L	10	1.46	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	124%	3%	
NAL13026-1767MSD	T1-086	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	

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 assesment, 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
NAL13026-1767MSD	T1-086	ORG	108-67-8	1,3,5-Trimethylbenzene	290		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	112%	4%	11
NAL13026-1767MSD	T1-086	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	112%	4%	
NAL13026-1767MSD	T1-086	ORG	95-63-6	1,2,4-Trimethylbenzene	380		ug/L	10	1.00	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	112%	0%	100
NAL13026-1767MSD	T1-086	ORG	135-98-8	sec-Butylbenzene	290		ug/L	10	1.62	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	116%	4%	
NAL13026-1767MSD	T1-086	ORG	541-73-1	1,3-Dichlorobenzene	270		ug/L	10	1.11	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	108%	0%	
NAL13026-1767MSD	T1-086	ORG	99-87-6	p-Isopropltoluene	700		ug/L	10	1.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	3%	440
NAL13026-1767MSD	T1-086	ORG	106-46-7	1,4-Dichlorobenzene	430		ug/L	10	1.65	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	104%	0%	170
NAL13026-1767MSD	T1-086	ORG	95-50-1	1,2-Dichlorobenzene	270		ug/L	10	1.32	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	107%	0%	3.3
NAL13026-1767MSD	T1-086	ORG	104-51-8	n-Butylbenzene	310		ug/L	25	1.39	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	120%	3%	10
NAL13026-1767MSD	T1-086	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	120%	3%	
NAL13026-1767MSD	T1-086	ORG	87-68-3	Hexachlorobutadiene	200		ug/L	25	3.27	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	80%	0%	
NAL13026-1767MSD	T1-086	ORG	120-82-1	1,2,4-Trichlorobenzene	270		ug/L	25	1.38	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	105%	4%	6.7
NAL13026-1767MSD	T1-086	ORG	91-20-3	Naphthalene	860		ug/L	25	2.80	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	100%	2%	610
NAL13026-1767MSD	T1-086	ORG	87-61-6	1,2,3-Trichlorobenzene	240		ug/L	25	1.16	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	250	95%	4%	2.7
NAL13026-1767MSD	T1-086	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	50	104%	2%	
NAL13026-1767MSD	T1-086	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	50	94%	6%	
NAL13026-1767MSD	T1-086	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	50	96%	0%	
NAL13026-1767MSD	T1-086	STD	460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	12/10/2014	12/10/2014	12/10/2014	WG	5	NA	5.0	NA	SW8260B	NALD5537	50	108%	4%	

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

December 24, 2014

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

RE: Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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,

Emily Webb
emily.webb@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 T1-087
Pace Project No.: 60184692

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 T1-087
Pace Project No.: 60184692

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184692001	**T1-087**	Water	12/15/14 18:20	12/17/14 03:00
60184692002	**TRIP BLANK**	Water	12/15/14 00:00	12/17/14 03:00

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184692001	**T1-087**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184692002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Sample: T1-087 **Lab ID: 60184692001** Collected: 12/15/14 18:20 Received: 12/17/14 03:00 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	**33500**	ug/L	375	1	12/18/14 16:20	12/22/14 09:49	7429-90-5	
Antimony	**132**	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:02	7440-36-0	
Arsenic	**520**	ug/L	50.0	1	12/18/14 16:20	12/22/14 09:49	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/18/14 16:20	12/22/14 09:49	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:49	7440-43-9	
Chromium	**117**	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:49	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:49	7440-48-4	
Copper	**121**	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:02	7440-50-8	
Iron	**329000**	ug/L	250	1	12/18/14 16:20	12/22/14 09:49	7439-89-6	M1
Lead	**110**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:02	7439-92-1	
Nickel	**162**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:02	7440-02-0	
Selenium	**122**	ug/L	75.0	1	12/18/14 16:20	12/22/14 12:02	7782-49-2	
Silver	ND	ug/L	35.0	1	12/18/14 16:20	12/22/14 09:49	7440-22-4	
Thallium	ND	ug/L	100	1	12/18/14 16:20	12/22/14 09:49	7440-28-0	
Zinc	**1690**	ug/L	250	1	12/18/14 16:20	12/22/14 09:49	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	12/18/14 16:20	12/22/14 12:21	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:21	7440-36-0	
Arsenic, Dissolved	**366**	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:21	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/18/14 16:20	12/22/14 12:21	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:21	7440-43-9	
Chromium, Dissolved	**54.8**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:21	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:21	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:21	7440-50-8	
Iron, Dissolved	**28200**	ug/L	250	1	12/18/14 16:20	12/22/14 12:21	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:21	7439-92-1	
Nickel, Dissolved	**48.0**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:21	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/18/14 16:20	12/22/14 12:21	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/18/14 16:20	12/22/14 12:21	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/18/14 16:20	12/22/14 12:21	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/18/14 16:20	12/22/14 12:21	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	0.20	1	12/19/14 10:00	12/19/14 13:46	7439-97-6	M1
245.1 Mercury, Dissolved (LF)	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury, Dissolved	ND	ug/L	0.20	1	12/19/14 10:00	12/19/14 13:33	7439-97-6	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/18/14 00:00	12/19/14 19:26	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/18/14 00:00	12/19/14 19:26	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/18/14 00:00	12/19/14 19:26		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Sample: T1-087 **Lab ID: 60184692001** Collected: 12/15/14 18:20 Received: 12/17/14 03:00 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	12/18/14 00:00	12/19/14 19:26	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	87-86-5	
Phenol	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/18/14 00:00	12/19/14 19:26	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97	%	33-120	1	12/18/14 00:00	12/19/14 19:26	4165-60-0	
2-Fluorobiphenyl (S)	91	%	39-120	1	12/18/14 00:00	12/19/14 19:26	321-60-8	
Terphenyl-d14 (S)	96	%	45-120	1	12/18/14 00:00	12/19/14 19:26	1718-51-0	
Phenol-d6 (S)	36	%	11-120	1	12/18/14 00:00	12/19/14 19:26	13127-88-3	
2-Fluorophenol (S)	51	%	17-120	1	12/18/14 00:00	12/19/14 19:26	367-12-4	
2,4,6-Tribromophenol (S)	103	%	39-120	1	12/18/14 00:00	12/19/14 19:26	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**26200**	ug/L	1000	100		12/17/14 20:09	67-64-1	N2
Benzene	ND	ug/L	100	100		12/17/14 20:09	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/17/14 20:09	75-27-4	
Bromoform	ND	ug/L	100	100		12/17/14 20:09	75-25-2	
Bromomethane	ND	ug/L	500	100		12/17/14 20:09	74-83-9	
2-Butanone (MEK)	**12200**	ug/L	1000	100		12/17/14 20:09	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/17/14 20:09	56-23-5	
Chloroethane	ND	ug/L	100	100		12/17/14 20:09	75-00-3	
Chloroform	ND	ug/L	100	100		12/17/14 20:09	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/17/14 20:09	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/17/14 20:09	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/17/14 20:09	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/17/14 20:09	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/17/14 20:09	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/17/14 20:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/17/14 20:09	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/17/14 20:09	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/17/14 20:09	127-18-4	
Toluene	ND	ug/L	100	100		12/17/14 20:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/17/14 20:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/17/14 20:09	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/17/14 20:09	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/17/14 20:09	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/17/14 20:09	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	100		12/17/14 20:09	460-00-4	
Toluene-d8 (S)	100	%	80-120	100		12/17/14 20:09	2037-26-5	
1,2-Dichloroethane-d4 (S)	100	%	80-120	100		12/17/14 20:09	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/17/14 20:09		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**91.5**	mg/L	5.0	1		12/22/14 08:25		M1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Sample: T1-087 **Lab ID: 60184692001** Collected: 12/15/14 18:20 Received: 12/17/14 03:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**11500**	mg/L	5.0	1		12/22/14 14:44		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.5**	Std. Units	0.10	1		12/22/14 14:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**5930**	mg/L	2.0	1	12/17/14 10:33	12/22/14 09:30		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**76.4**	mg/L	2.0	20		12/21/14 09:05	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**16300**	mg/L	2500	250		12/24/14 10:03		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

Sample: TRIP BLANK **Lab ID: 60184692002** Collected: 12/15/14 00:00 Received: 12/17/14 03:00 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		12/17/14 20:51	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/17/14 20:51	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/17/14 20:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/17/14 20:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/17/14 20:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/17/14 20:51	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/17/14 20:51	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/17/14 20:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/17/14 20:51	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/17/14 20:51	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/17/14 20:51	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/17/14 20:51	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/17/14 20:51	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/17/14 20:51	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/17/14 20:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/17/14 20:51	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/17/14 20:51	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/17/14 20:51	127-18-4	
Toluene	ND	ug/L	1.0	1		12/17/14 20:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/17/14 20:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/17/14 20:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/17/14 20:51	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/17/14 20:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/17/14 20:51	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	93	%	80-120	1		12/17/14 20:51	460-00-4	
Toluene-d8 (S)	98	%	80-120	1		12/17/14 20:51	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%	80-120	1		12/17/14 20:51	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/17/14 20:51		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: MERP/9162 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184692001

METHOD BLANK: 1497312 | Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/19/14 13:40	

LABORATORY CONTROL SAMPLE: 1497313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497314 1497315

Parameter	Units	60184692001 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	5	5	3.6	3.1	71	62	70-130	14	20	M1

MATRIX SPIKE SAMPLE: 1497316

Parameter	Units	60184708001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	3.2	64	70-130	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: MERP/9163
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184692001

METHOD BLANK: 1497317
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/19/14 13:29	

LABORATORY CONTROL SAMPLE: 1497318

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.6	111	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497319 1497320

Parameter	Units	60184692001 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	5	5	3.5	3.5	70	70	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: MPRP/30217
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184692001

METHOD BLANK: 1496521
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/22/14 09:45	
Antimony	ug/L	ND	10.0	12/22/14 12:00	
Arsenic	ug/L	ND	10.0	12/22/14 09:45	
Beryllium	ug/L	ND	1.0	12/22/14 09:45	
Cadmium	ug/L	ND	5.0	12/22/14 09:45	
Chromium	ug/L	ND	5.0	12/22/14 09:45	
Cobalt	ug/L	ND	5.0	12/22/14 09:45	
Copper	ug/L	ND	10.0	12/22/14 12:00	
Iron	ug/L	ND	50.0	12/22/14 09:45	
Lead	ug/L	ND	5.0	12/22/14 12:00	
Nickel	ug/L	ND	5.0	12/22/14 12:00	
Selenium	ug/L	ND	15.0	12/22/14 12:00	
Silver	ug/L	ND	7.0	12/22/14 09:45	
Thallium	ug/L	ND	20.0	12/22/14 09:45	
Zinc	ug/L	ND	50.0	12/22/14 09:45	

LABORATORY CONTROL SAMPLE: 1496522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10200	102	85-115	
Antimony	ug/L	1000	1070	107	85-115	
Arsenic	ug/L	1000	1020	102	85-115	
Beryllium	ug/L	1000	1060	106	85-115	
Cadmium	ug/L	1000	1070	107	85-115	
Chromium	ug/L	1000	931	93	85-115	
Cobalt	ug/L	1000	1080	108	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	10200	102	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1060	106	85-115	
Silver	ug/L	500	545	109	85-115	
Thallium	ug/L	1000	1050	105	85-115	
Zinc	ug/L	1000	984	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1496523 1496524

Parameter	Units	60184692001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	33500	50000	50000	93000	87900	119	109	70-130	6	20	
Antimony	ug/L	132	5000	5000	5120	5100	100	99	70-130	0	20	
Arsenic	ug/L	520	5000	5000	5980	5880	109	107	70-130	2	20	
Beryllium	ug/L	ND	5000	5000	5080	5120	102	102	70-130	1	20	
Cadmium	ug/L	ND	5000	5000	5320	5320	106	106	70-130	0	20	
Chromium	ug/L	117	5000	5000	4620	4660	90	91	70-130	1	20	
Cobalt	ug/L	ND	5000	5000	5100	5140	102	102	70-130	1	20	
Copper	ug/L	121	5000	5000	5100	5160	99	101	70-130	1	20	
Iron	ug/L	329000	50000	50000	446000	402000	234	146	70-130	10	20	M1
Lead	ug/L	110	5000	5000	4650	4700	91	92	70-130	1	20	
Nickel	ug/L	162	5000	5000	4790	4830	92	93	70-130	1	20	
Selenium	ug/L	122	5000	5000	5320	5250	104	103	70-130	1	20	
Silver	ug/L	ND	2500	2500	2820	2810	112	112	70-130	0	20	
Thallium	ug/L	ND	5000	5000	4390	4470	88	89	70-130	2	20	
Zinc	ug/L	1690	5000	5000	6520	6320	97	93	70-130	3	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: MPRP/30218
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184692001

METHOD BLANK: 1496527
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/22/14 12:18	
Antimony, Dissolved	ug/L	ND	10.0	12/22/14 12:18	
Arsenic, Dissolved	ug/L	ND	10.0	12/22/14 12:18	
Beryllium, Dissolved	ug/L	ND	1.0	12/22/14 12:18	
Cadmium, Dissolved	ug/L	ND	5.0	12/22/14 12:18	
Chromium, Dissolved	ug/L	ND	5.0	12/22/14 12:18	
Cobalt, Dissolved	ug/L	ND	5.0	12/22/14 12:18	
Copper, Dissolved	ug/L	ND	10.0	12/22/14 12:18	
Iron, Dissolved	ug/L	ND	50.0	12/22/14 12:18	
Lead, Dissolved	ug/L	ND	5.0	12/22/14 12:18	
Nickel, Dissolved	ug/L	ND	5.0	12/22/14 12:18	
Selenium, Dissolved	ug/L	ND	15.0	12/22/14 12:18	
Silver, Dissolved	ug/L	ND	7.0	12/22/14 12:18	
Thallium, Dissolved	ug/L	ND	20.0	12/22/14 12:18	
Zinc, Dissolved	ug/L	ND	50.0	12/22/14 12:18	

LABORATORY CONTROL SAMPLE: 1496528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9680	97	85-115	
Antimony, Dissolved	ug/L	1000	980	98	85-115	
Arsenic, Dissolved	ug/L	1000	968	97	85-115	
Beryllium, Dissolved	ug/L	1000	992	99	85-115	
Cadmium, Dissolved	ug/L	1000	996	100	85-115	
Chromium, Dissolved	ug/L	1000	999	100	85-115	
Cobalt, Dissolved	ug/L	1000	1010	101	85-115	
Copper, Dissolved	ug/L	1000	983	98	85-115	
Iron, Dissolved	ug/L	10000	9940	99	85-115	
Lead, Dissolved	ug/L	1000	1010	101	85-115	
Nickel, Dissolved	ug/L	1000	1000	100	85-115	
Selenium, Dissolved	ug/L	1000	968	97	85-115	
Silver, Dissolved	ug/L	500	477	95	85-115	
Thallium, Dissolved	ug/L	1000	1030	103	85-115	
Zinc, Dissolved	ug/L	1000	989	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1496529 1496530

Parameter	Units	60184692001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	47900	48700	95	97	70-130	2	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5040	5080	100	101	70-130	1	20	
Arsenic, Dissolved	ug/L	366	5000	5000	5480	5580	102	104	70-130	2	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4830	4880	97	98	70-130	1	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5100	5140	102	103	70-130	1	20	
Chromium, Dissolved	ug/L	54.8	5000	5000	4950	5030	98	100	70-130	2	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4890	4940	98	99	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	5070	5120	101	102	70-130	1	20	
Iron, Dissolved	ug/L	28200	50000	50000	77600	79400	99	102	70-130	2	20	
Lead, Dissolved	ug/L	ND	5000	5000	4700	4710	94	94	70-130	0	20	
Nickel, Dissolved	ug/L	48.0	5000	5000	4800	4830	95	96	70-130	1	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5120	5140	102	102	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2460	2490	98	99	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4570	4610	91	92	70-130	1	20	
Zinc, Dissolved	ug/L	ND	5000	5000	4810	4860	96	96	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: MSV/66547 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184692001, 60184692002

METHOD BLANK: 1495884 | Matrix: Water
Associated Lab Samples: 60184692001, 60184692002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/17/14 17:48	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,2-Dichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/17/14 17:48	
2-Butanone (MEK)	ug/L	ND	10.0	12/17/14 17:48	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/17/14 17:48	N2
Acetone	ug/L	ND	10.0	12/17/14 17:48	N2
Benzene	ug/L	ND	1.0	12/17/14 17:48	
Bromodichloromethane	ug/L	ND	1.0	12/17/14 17:48	
Bromoform	ug/L	ND	1.0	12/17/14 17:48	
Bromomethane	ug/L	ND	5.0	12/17/14 17:48	
Carbon tetrachloride	ug/L	ND	1.0	12/17/14 17:48	
Chloroethane	ug/L	ND	1.0	12/17/14 17:48	
Chloroform	ug/L	ND	1.0	12/17/14 17:48	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/17/14 17:48	N2
Ethylbenzene	ug/L	ND	1.0	12/17/14 17:48	
Methylene chloride	ug/L	ND	1.0	12/17/14 17:48	
Tetrachloroethene	ug/L	ND	1.0	12/17/14 17:48	
Toluene	ug/L	ND	1.0	12/17/14 17:48	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/17/14 17:48	
Trichloroethene	ug/L	ND	1.0	12/17/14 17:48	
Vinyl chloride	ug/L	ND	1.0	12/17/14 17:48	
Xylene (Total)	ug/L	ND	3.0	12/17/14 17:48	N2
1,2-Dichloroethane-d4 (S)	%	96	80-120	12/17/14 17:48	
4-Bromofluorobenzene (S)	%	100	80-120	12/17/14 17:48	
Toluene-d8 (S)	%	100	80-120	12/17/14 17:48	

LABORATORY CONTROL SAMPLE: 1495885

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	17.2	86	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.4	102	67-124	
1,2-Dichloroethane	ug/L	20	19.5	97	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	95	74-120	
2-Butanone (MEK)	ug/L	100	83.8	84	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.6	95	59-131	N2
Acetone	ug/L	100	88.5	88	38-134	N2
Benzene	ug/L	20	19.5	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

LABORATORY CONTROL SAMPLE: 1495885

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.0	100	68-125	
Bromoform	ug/L	20	20.0	100	65-127	
Bromomethane	ug/L	20	16.5	83	13-157	
Carbon tetrachloride	ug/L	20	19.9	99	70-131	
Chloroethane	ug/L	20	18.3	91	47-133	
Chloroform	ug/L	20	20.0	100	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	68-127	N2
Ethylbenzene	ug/L	20	20.3	102	74-122	
Methylene chloride	ug/L	20	18.7	94	64-129	
Tetrachloroethene	ug/L	20	20.4	102	73-125	
Toluene	ug/L	20	19.7	99	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.3	97	66-129	
Trichloroethene	ug/L	20	20.7	103	71-123	
Vinyl chloride	ug/L	20	16.7	83	43-129	
Xylene (Total)	ug/L	60	61.2	102	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			90	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1495886

Parameter	Units	60184583002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1000	1100	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	893	89	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	1000	1010	101	52-143	
1,2-Dichloroethane	ug/L	ND	1000	978	98	49-144	
1,4-Dichlorobenzene	ug/L	ND	1000	937	92	33-140	
2-Butanone (MEK)	ug/L	ND	5000	4430	81	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	4930	91	40-160	N2
Acetone	ug/L	682	5000	4860	84	10-160	N2
Benzene	ug/L	ND	1000	984	98	37-151	
Bromodichloromethane	ug/L	ND	1000	1040	104	35-142	
Bromoform	ug/L	ND	1000	910	91	45-142	
Bromomethane	ug/L	ND	1000	781	78	10-158	
Carbon tetrachloride	ug/L	ND	1000	1110	111	70-140	
Chloroethane	ug/L	ND	1000	891	89	19-152	
Chloroform	ug/L	ND	1000	1020	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	1000	1070	107	34-147	N2
Ethylbenzene	ug/L	ND	1000	965	96	40-142	
Methylene chloride	ug/L	ND	1000	939	92	31-144	
Tetrachloroethene	ug/L	ND	1000	1060	106	64-148	
Toluene	ug/L	ND	1000	975	98	47-150	
trans-1,2-Dichloroethene	ug/L	ND	1000	1020	102	54-151	
Trichloroethene	ug/L	ND	1000	1040	104	71-149	
Vinyl chloride	ug/L	ND	1000	799	80	22-146	

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REPORT OF LABORATORY ANALYSIS

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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

MATRIX SPIKE SAMPLE: 1495886

Parameter	Units	60184583002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	3000	3080	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				92	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: OEXT/47554 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184692001

METHOD BLANK: 1496245 | Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/19/14 18:24	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/19/14 18:24	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/19/14 18:24	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/19/14 18:24	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/19/14 18:24	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/19/14 18:24	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/19/14 18:24	
Hexachloroethane	ug/L	ND	5.0	12/19/14 18:24	
Naphthalene	ug/L	ND	5.0	12/19/14 18:24	
Nitrobenzene	ug/L	ND	5.0	12/19/14 18:24	
Pentachlorophenol	ug/L	ND	5.0	12/19/14 18:24	
Phenol	ug/L	ND	5.0	12/19/14 18:24	
2,4,6-Tribromophenol (S)	%	101	39-120	12/19/14 18:24	
2-Fluorobiphenyl (S)	%	90	39-120	12/19/14 18:24	
2-Fluorophenol (S)	%	52	17-120	12/19/14 18:24	
Nitrobenzene-d5 (S)	%	91	33-120	12/19/14 18:24	
Phenol-d6 (S)	%	36	11-120	12/19/14 18:24	
Terphenyl-d14 (S)	%	96	45-120	12/19/14 18:24	

LABORATORY CONTROL SAMPLE: 1496246

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	48.8	98	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	36.8	74	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.6	67	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	58.0	116	40-133	
Hexachloro-1,3-butadiene	ug/L	50	39.7	79	44-116	
Hexachlorocyclopentadiene	ug/L	100	40.9	41	24-120	
Hexachloroethane	ug/L	50	39.3	79	43-113	
Naphthalene	ug/L	50	44.2	88	48-120	
Nitrobenzene	ug/L	50	46.3	93	48-120	
Pentachlorophenol	ug/L	50	51.4	103	47-120	
Phenol	ug/L	50	17.6	35	16-112	
2,4,6-Tribromophenol (S)	%			107	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			96	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			102	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

MATRIX SPIKE SAMPLE: 1496247

Parameter	Units	60184692001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4060	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4530	91	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	3520	70	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3420	58	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	5330	107	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3730	75	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	3830	38	11-120	
Hexachloroethane	ug/L	ND	5000	3780	76	40-113	
Naphthalene	ug/L	ND	5000	4220	82	45-120	
Nitrobenzene	ug/L	ND	5000	4320	86	38-120	
Pentachlorophenol	ug/L	ND	5000	4910	98	43-135	
Phenol	ug/L	ND	5000	1920	30	13-112	
2,4,6-Tribromophenol (S)	%				95	39-120	
2-Fluorobiphenyl (S)	%				87	39-120	
2-Fluorophenol (S)	%				44	17-120	
Nitrobenzene-d5 (S)	%				92	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				94	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WET/52165
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184692001

METHOD BLANK: 1498571
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/22/14 08:25	

LABORATORY CONTROL SAMPLE: 1498572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.8	97	78-114	

MATRIX SPIKE SAMPLE: 1498573

Parameter	Units	60184692001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	91.5	160	181	56	78-114	M1

SAMPLE DUPLICATE: 1498574

Parameter	Units	60184708001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	53.3	45.4	16	18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WET/52162
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184692001

METHOD BLANK: 1498562
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/22/14 14:39	

SAMPLE DUPLICATE: 1498563

Parameter	Units	60184638004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	24.0	25.0	4	10	

SAMPLE DUPLICATE: 1498564

Parameter	Units	60184687001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	130	136	5	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WET/52131
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184692001

SAMPLE DUPLICATE: 1496656

Parameter	Units	60184666001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.6	8.6	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WET/52107
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184692001

METHOD BLANK: 1495675
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/22/14 09:14	

LABORATORY CONTROL SAMPLE: 1495676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	184	93	85-115	

SAMPLE DUPLICATE: 1495677

Parameter	Units	60184617004 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	17.6	17.4	1	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WETA/32260
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184692001

METHOD BLANK: 1497454
Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/21/14 08:35	

LABORATORY CONTROL SAMPLE: 1497455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	106	90-110	

MATRIX SPIKE SAMPLE: 1497456

Parameter	Units	60184179003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	19.4	20	36.2	84	90-110	M1

MATRIX SPIKE SAMPLE: 1497458

Parameter	Units	60184586002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	374	500	867	99	90-110	

SAMPLE DUPLICATE: 1497457

Parameter	Units	60184278001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	3.0	3.0	0	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

QC Batch: WETA/32283 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184692001

METHOD BLANK: 1498995 | Matrix: Water
Associated Lab Samples: 60184692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/24/14 10:02	

LABORATORY CONTROL SAMPLE: 1498996

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: 1498997

Parameter	Units	60184597001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17.3	50	64.8	95	90-110	

SAMPLE DUPLICATE: 1498998

Parameter	Units	60184708001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	17600	17000	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-087
Pace Project No.: 60184692

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.
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 T1-087
Pace Project No.: 60184692

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184692001	**T1-087**	EPA 200.7	MPRP/30217	EPA 200.7	ICP/22602
60184692001	**T1-087**	EPA 200.7	MPRP/30218	EPA 200.7	ICP/22601
60184692001	**T1-087**	EPA 245.1	MERP/9162	EPA 245.1	MERC/9117
60184692001	**T1-087**	EPA 245.1	MERP/9163	EPA 245.1	MERC/9116
60184692001	**T1-087**	EPA 625	OEXT/47554	EPA 625	MSSV/15359
60184692001	**T1-087**	EPA 624 Low	MSV/66547		
60184692002	**TRIP BLANK**	EPA 624 Low	MSV/66547		
60184692001	**T1-087**	EPA 1664A	WET/52165		
60184692001	**T1-087**	SM 2540D	WET/52162		
60184692001	**T1-087**	SM 4500-H+B	WET/52131		
60184692001	**T1-087**	SM 5210B	WET/52107	SM 5210B	WET/52175
60184692001	**T1-087**	EPA 350.1	WETA/32260		
60184692001	**T1-087**	EPA 410.4	WETA/32283		

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Sample Condition Upon Receipt

WO#: 60184692
60184692

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☑ X

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: 1.7

Temperature should be above freezing to 6°C

Date and initials of person examining contents: BB 12/17/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6. pH BOD
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.
Sufficient volume:	☑Yes	☐No	☐N/A	8.
Correct containers used:	☑Yes	☐No	☐N/A	
Pace containers used:	☑Yes	☐No	☐N/A	9.
Containers intact:	☑Yes	☐No	☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.
Sample labels match COC: Includes date/time/ID/analyses ✓ Matrix: water	☑Yes	☐No	☐N/A	13.
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	BP2S pH = 5.0
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	Adjusted BP3N from 5.0 → 1.0 w/ 2.5 mL HNO_3 14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☐Yes	☐No		Initial when completed BB Lot # of added preservative 12513-37-10
Trip Blank present: Pace Trip Blank lot # (if purchased): Covered	☑Yes	☐No	☐N/A	15.
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A	17. List State: MO

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Pace Analytical

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 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	

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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		BOD SM 5210B		Residual Chlorine (Y/N)	60184692 BB 12/17
1	(BP3N) TI-087 (BP3S) 5.0 2AG35	OT	G	12/15/14	1820	—	—		14	10	13	1	0	2AG	4U)				X	X	X	X	X	X	X	X	X		X	2BP2U		1BP3U 3SDG9U 01
2	TRIP BLANK	—	—	—	—	—	—		2	2																X						2DG9U 02
3																																
4																																
5																																
6																																METALS LIST total & LF Dis:
7																																Al,Sb,As,Be,Cd,Cr,
8																																Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn
9																																and Mercury
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	[signature]	12/16/14	1200	[signature]	12/16	1200				
SITE ADDRESS: BRIDGETON LF				Ben Perez Pasi	12/17	0300	1.7	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: 12/15/14				

Pace Analytical Services, Inc.
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December 18, 2014

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

RE: Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 11, 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 T1-086
Pace Project No.: 60184270

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 T1-086
Pace Project No.: 60184270

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184270001	**T1-086**	Water	12/10/14 10:30	12/11/14 01:45
60184270002	**TRIP BLANK**	Water	12/10/14 10:30	12/11/14 01:45

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184270001	**T1-086**	EPA 200.7	TDS	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184270002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Sample: T1-086 **Lab ID: 60184270001** Collected: 12/10/14 10:30 Received: 12/11/14 01:45 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	**25600**	ug/L	375	1	12/12/14 12:05	12/15/14 17:00	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 17:00	7440-36-0	
Arsenic	**646**	ug/L	50.0	1	12/12/14 12:05	12/15/14 17:00	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/12/14 12:05	12/15/14 17:00	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 17:00	7440-43-9	
Chromium	**179**	ug/L	25.0	1	12/12/14 12:05	12/15/14 17:00	7440-47-3	
Cobalt	**27.1**	ug/L	25.0	1	12/12/14 12:05	12/15/14 17:00	7440-48-4	
Copper	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 17:00	7440-50-8	
Iron	**523000**	ug/L	250	1	12/12/14 12:05	12/15/14 17:00	7439-89-6	M1
Lead	**53.4**	ug/L	25.0	1	12/12/14 12:05	12/15/14 17:00	7439-92-1	
Nickel	**84.8**	ug/L	25.0	1	12/12/14 12:05	12/15/14 17:00	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/12/14 12:05	12/15/14 17:00	7782-49-2	
Silver	ND	ug/L	35.0	1	12/12/14 12:05	12/15/14 17:00	7440-22-4	
Thallium	ND	ug/L	100	1	12/12/14 12:05	12/15/14 17:00	7440-28-0	
Zinc	**3270**	ug/L	250	1	12/12/14 12:05	12/15/14 17:00	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	12/12/14 12:05	12/15/14 16:04	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:04	7440-36-0	
Arsenic, Dissolved	**458**	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:04	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/12/14 12:05	12/15/14 16:04	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:04	7440-43-9	
Chromium, Dissolved	**73.7**	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:04	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:04	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:04	7440-50-8	
Iron, Dissolved	**38300**	ug/L	250	1	12/12/14 12:05	12/16/14 09:50	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:04	7439-92-1	
Nickel, Dissolved	**52.2**	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:04	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/12/14 12:05	12/15/14 16:04	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/12/14 12:05	12/15/14 16:04	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/12/14 12:05	12/15/14 16:04	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/12/14 12:05	12/15/14 16:04	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	**9.2**	ug/L	6.0	1	12/12/14 09:00	12/12/14 12:06	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	12/12/14 09:00	12/12/14 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	12/11/14 00:00	12/12/14 14:34	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/11/14 00:00	12/12/14 14:34	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/11/14 00:00	12/12/14 14:34		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Sample: T1-086 **Lab ID: 60184270001** Collected: 12/10/14 10:30 Received: 12/11/14 01:45 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	12/11/14 00:00	12/12/14 14:34	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	87-86-5	
Phenol	**1480**	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/11/14 00:00	12/12/14 14:34	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	89	%	33-120	1	12/11/14 00:00	12/12/14 14:34	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-120	1	12/11/14 00:00	12/12/14 14:34	321-60-8	
Terphenyl-d14 (S)	84	%	45-120	1	12/11/14 00:00	12/12/14 14:34	1718-51-0	
Phenol-d6 (S)	29	%	11-120	1	12/11/14 00:00	12/12/14 14:34	13127-88-3	
2-Fluorophenol (S)	43	%	17-120	1	12/11/14 00:00	12/12/14 14:34	367-12-4	
2,4,6-Tribromophenol (S)	82	%	39-120	1	12/11/14 00:00	12/12/14 14:34	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**81800**	ug/L	1000	100		12/15/14 17:41	67-64-1	N2
Benzene	ND	ug/L	100	100		12/12/14 05:21	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/12/14 05:21	75-27-4	
Bromoform	ND	ug/L	100	100		12/12/14 05:21	75-25-2	
Bromomethane	ND	ug/L	500	100		12/12/14 05:21	74-83-9	
2-Butanone (MEK)	**40100**	ug/L	1000	100		12/12/14 05:21	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/12/14 05:21	56-23-5	
Chloroethane	**119**	ug/L	100	100		12/12/14 05:21	75-00-3	
Chloroform	ND	ug/L	100	100		12/12/14 05:21	67-66-3	
1,4-Dichlorobenzene	**108**	ug/L	100	100		12/12/14 05:21	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/12/14 05:21	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/12/14 05:21	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/12/14 05:21	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/12/14 05:21	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/12/14 05:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/12/14 05:21	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/12/14 05:21	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/12/14 05:21	127-18-4	
Toluene	ND	ug/L	100	100		12/12/14 05:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/12/14 05:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/12/14 05:21	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/12/14 05:21	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/12/14 05:21	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/12/14 05:21	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	95	%	80-120	100		12/12/14 05:21	460-00-4	
Toluene-d8 (S)	97	%	80-120	100		12/12/14 05:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	80-120	100		12/12/14 05:21	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/12/14 05:21		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**150**	mg/L	5.0	1		12/15/14 09:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Sample: T1-086 **Lab ID: 60184270001** Collected: 12/10/14 10:30 Received: 12/11/14 01:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**8220**	mg/L	5.0	1		12/14/14 07:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.3**	Std. Units	0.10	1		12/15/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**7700**	mg/L	2.0	1	12/11/14 18:42	12/16/14 13:36		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**91.2**	mg/L	5.0	50		12/17/14 10:22	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**20600**	mg/L	2500	250		12/15/14 13:30		M1

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Sample: TRIP BLANK **Lab ID: 60184270002** Collected: 12/10/14 10:30 Received: 12/11/14 01:45 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		12/15/14 17:55	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/12/14 06:31	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/12/14 06:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/12/14 06:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/12/14 06:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/12/14 06:31	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/12/14 06:31	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/12/14 06:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/12/14 06:31	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/12/14 06:31	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/12/14 06:31	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 06:31	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 06:31	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/12/14 06:31	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/12/14 06:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/12/14 06:31	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/12/14 06:31	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/12/14 06:31	127-18-4	
Toluene	ND	ug/L	1.0	1		12/12/14 06:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/12/14 06:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/12/14 06:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/12/14 06:31	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/12/14 06:31	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/12/14 06:31	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	1		12/12/14 06:31	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		12/12/14 06:31	2037-26-5	
1,2-Dichloroethane-d4 (S)	99	%	80-120	1		12/12/14 06:31	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/12/14 06:31		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MERP/9137 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184270001

METHOD BLANK: 1492838 | Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/12/14 12:02	

LABORATORY CONTROL SAMPLE: 1492839

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: 1492840 1492841

Parameter	Units	60184270001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	9.2	150	150	119	115	73	71	70-130	3	20	

MATRIX SPIKE SAMPLE: 1492842

Parameter	Units	60184304002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	4.7	94	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MERP/9138
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184270001

METHOD BLANK: 1492846
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/12/14 12:46	

LABORATORY CONTROL SAMPLE: 1492847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492848 1492849

Parameter	Units	60184159001 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	98.1	102	65	68	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MPRP/30144
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184270001

METHOD BLANK: 1492981
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/15/14 16:57	
Antimony	ug/L	ND	10.0	12/15/14 16:57	
Arsenic	ug/L	ND	10.0	12/15/14 16:57	
Beryllium	ug/L	ND	1.0	12/15/14 16:57	
Cadmium	ug/L	ND	5.0	12/15/14 16:57	
Chromium	ug/L	ND	5.0	12/15/14 16:57	
Cobalt	ug/L	ND	5.0	12/15/14 16:57	
Copper	ug/L	ND	10.0	12/15/14 16:57	
Iron	ug/L	ND	50.0	12/15/14 16:57	
Lead	ug/L	ND	5.0	12/15/14 16:57	
Nickel	ug/L	ND	5.0	12/15/14 16:57	
Selenium	ug/L	ND	15.0	12/15/14 16:57	
Silver	ug/L	ND	7.0	12/15/14 16:57	
Thallium	ug/L	ND	20.0	12/15/14 16:57	
Zinc	ug/L	ND	50.0	12/15/14 16:57	

LABORATORY CONTROL SAMPLE: 1492982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10400	104	85-115	
Antimony	ug/L	1000	1080	108	85-115	
Arsenic	ug/L	1000	1000	100	85-115	
Beryllium	ug/L	1000	1030	103	85-115	
Cadmium	ug/L	1000	1030	103	85-115	
Chromium	ug/L	1000	1000	100	85-115	
Cobalt	ug/L	1000	1080	108	85-115	
Copper	ug/L	1000	1080	108	85-115	
Iron	ug/L	10000	10100	101	85-115	
Lead	ug/L	1000	1110	111	85-115	
Nickel	ug/L	1000	1120	112	85-115	
Selenium	ug/L	1000	1070	107	85-115	
Silver	ug/L	500	527	105	85-115	
Thallium	ug/L	1000	1050	105	85-115	
Zinc	ug/L	1000	1040	104	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492983 1492984

Parameter	Units	60184270001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	25600	50000	50000	85200	83900	119	116	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5650	5560	112	110	70-130	2	20	
Arsenic	ug/L	646	5000	5000	6120	6090	110	109	70-130	1	20	
Beryllium	ug/L	ND	5000	5000	5100	5000	102	100	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5450	5360	109	107	70-130	2	20	
Chromium	ug/L	179	5000	5000	5120	5040	99	97	70-130	2	20	
Cobalt	ug/L	27.1	5000	5000	5200	5100	103	101	70-130	2	20	
Copper	ug/L	ND	5000	5000	5720	5590	114	111	70-130	2	20	
Iron	ug/L	523000	50000	50000	616000	624000	186	201	70-130	1	20	M1
Lead	ug/L	53.4	5000	5000	5190	5100	103	101	70-130	2	20	
Nickel	ug/L	84.8	5000	5000	5400	5310	106	105	70-130	2	20	
Selenium	ug/L	ND	5000	5000	5880	5790	117	115	70-130	2	20	
Silver	ug/L	ND	2500	2500	2820	2770	113	110	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4330	4310	87	86	70-130	0	20	
Zinc	ug/L	3270	5000	5000	8550	8470	106	104	70-130	1	20	

MATRIX SPIKE SAMPLE: 1492985

Parameter	Units	60184312001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	1330	10000	11700	103	70-130	
Antimony	ug/L	ND	1000	1070	106	70-130	
Arsenic	ug/L	ND	1000	1050	104	70-130	
Beryllium	ug/L	ND	1000	1020	102	70-130	
Cadmium	ug/L	ND	1000	1020	102	70-130	
Chromium	ug/L	ND	1000	992	99	70-130	
Cobalt	ug/L	ND	1000	1060	106	70-130	
Copper	ug/L	11.2	1000	1060	105	70-130	
Iron	ug/L	188	10000	10100	100	70-130	
Lead	ug/L	59.1	1000	1120	106	70-130	
Nickel	ug/L	5.4	1000	1100	109	70-130	
Selenium	ug/L	ND	1000	1170	116	70-130	
Silver	ug/L	ND	500	516	103	70-130	
Thallium	ug/L	ND	1000	777	78	70-130	
Zinc	ug/L	201	1000	1230	103	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MPRP/30139
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184270001

METHOD BLANK: 1492958
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/15/14 15:46	
Antimony, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Arsenic, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Beryllium, Dissolved	ug/L	ND	1.0	12/15/14 15:46	
Cadmium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Chromium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Cobalt, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Copper, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Iron, Dissolved	ug/L	ND	50.0	12/16/14 09:29	
Lead, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Nickel, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Selenium, Dissolved	ug/L	ND	15.0	12/15/14 15:46	
Silver, Dissolved	ug/L	ND	7.0	12/15/14 15:46	
Thallium, Dissolved	ug/L	ND	20.0	12/15/14 15:46	
Zinc, Dissolved	ug/L	ND	50.0	12/15/14 15:46	

LABORATORY CONTROL SAMPLE: 1492959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9300	93	85-115	
Antimony, Dissolved	ug/L	1000	1050	105	85-115	
Arsenic, Dissolved	ug/L	1000	1040	104	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	1030	103	85-115	
Cobalt, Dissolved	ug/L	1000	977	98	85-115	
Copper, Dissolved	ug/L	1000	928	93	85-115	
Iron, Dissolved	ug/L	10000	10300	103	85-115	
Lead, Dissolved	ug/L	1000	994	99	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	474	95	85-115	
Thallium, Dissolved	ug/L	1000	1040	104	85-115	
Zinc, Dissolved	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492960 1492961

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	46100	45800	92	91	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5280	5280	105	105	70-130	0	20	
Arsenic, Dissolved	ug/L	378	5000	5000	5700	5760	107	108	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5210	5220	104	104	70-130	0	20	
Chromium, Dissolved	ug/L	61.2	5000	5000	5140	5100	101	101	70-130	1	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4700	4700	94	94	70-130	0	20	
Copper, Dissolved	ug/L	ND	5000	5000	4610	4580	92	91	70-130	1	20	
Iron, Dissolved	ug/L	33300	50000	50000	83300	87200	100	108	70-130	5	20	
Lead, Dissolved	ug/L	ND	5000	5000	4680	4680	93	94	70-130	0	20	
Nickel, Dissolved	ug/L	41.3	5000	5000	5020	5020	100	100	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5140	5160	103	103	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2430	2440	97	97	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4750	4760	95	95	70-130	0	20	
Zinc, Dissolved	ug/L	ND	5000	5000	4870	4870	97	97	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MSV/66413 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184270001, 60184270002

METHOD BLANK: 1492687 | Matrix: Water
Associated Lab Samples: 60184270001, 60184270002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/12/14 03:56	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,2-Dichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/12/14 03:56	
2-Butanone (MEK)	ug/L	ND	10.0	12/12/14 03:56	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/12/14 03:56	N2
Benzene	ug/L	ND	1.0	12/12/14 03:56	
Bromodichloromethane	ug/L	ND	1.0	12/12/14 03:56	
Bromoform	ug/L	ND	1.0	12/12/14 03:56	
Bromomethane	ug/L	ND	5.0	12/12/14 03:56	
Carbon tetrachloride	ug/L	ND	1.0	12/12/14 03:56	
Chloroethane	ug/L	ND	1.0	12/12/14 03:56	
Chloroform	ug/L	ND	1.0	12/12/14 03:56	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	N2
Ethylbenzene	ug/L	ND	1.0	12/12/14 03:56	
Methylene chloride	ug/L	ND	1.0	12/12/14 03:56	
Tetrachloroethene	ug/L	ND	1.0	12/12/14 03:56	
Toluene	ug/L	ND	1.0	12/12/14 03:56	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Trichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Vinyl chloride	ug/L	ND	1.0	12/12/14 03:56	
Xylene (Total)	ug/L	ND	3.0	12/12/14 03:56	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	12/12/14 03:56	
4-Bromofluorobenzene (S)	%	99	80-120	12/12/14 03:56	
Toluene-d8 (S)	%	100	80-120	12/12/14 03:56	

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.2	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	18.3	92	67-127	N2
1,1,2-Trichloroethane	ug/L	20	21.2	106	67-124	
1,2-Dichloroethane	ug/L	20	18.4	92	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	83.6	84	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.9	93	59-131	N2
Benzene	ug/L	20	20.5	102	75-120	
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	20.4	102	65-127	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	17.7	89	13-157	
Carbon tetrachloride	ug/L	20	19.8	99	70-131	
Chloroethane	ug/L	20	24.4	122	47-133	
Chloroform	ug/L	20	18.9	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	68-127	N2
Ethylbenzene	ug/L	20	21.7	109	74-122	
Methylene chloride	ug/L	20	17.0	85	64-129	
Tetrachloroethene	ug/L	20	21.4	107	73-125	
Toluene	ug/L	20	20.1	101	69-126	
trans-1,2-Dichloroethene	ug/L	20	18.6	93	66-129	
Trichloroethene	ug/L	20	20.8	104	71-123	
Vinyl chloride	ug/L	20	17.6	88	43-129	
Xylene (Total)	ug/L	60	64.8	108	75-121	N2
1,2-Dichloroethane-d4 (S)	%			88	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	3900	97	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	3390	85	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3600	90	52-143	
1,2-Dichloroethane	ug/L	ND	4000	3550	89	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	3750	92	33-140	
2-Butanone (MEK)	ug/L	29000	20000	41600	63	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	17600	85	40-160	N2
Benzene	ug/L	ND	4000	3850	96	37-151	
Bromodichloromethane	ug/L	ND	4000	3690	92	35-142	
Bromoform	ug/L	ND	4000	3560	89	45-142	
Bromomethane	ug/L	ND	4000	3700	91	10-158	
Carbon tetrachloride	ug/L	ND	4000	4130	103	70-140	
Chloroethane	ug/L	ND	4000	4260	106	19-152	
Chloroform	ug/L	ND	4000	3630	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	3810	95	34-147	N2
Ethylbenzene	ug/L	ND	4000	4090	102	40-142	
Methylene chloride	ug/L	ND	4000	3090	76	31-144	
Tetrachloroethene	ug/L	ND	4000	3980	100	64-148	
Toluene	ug/L	ND	4000	3740	94	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	3880	97	54-151	
Trichloroethene	ug/L	ND	4000	3780	95	71-149	
Vinyl chloride	ug/L	ND	4000	3810	95	22-146	
Xylene (Total)	ug/L	ND	12000	12400	104	37-144	N2
1,2-Dichloroethane-d4 (S)	%				94	80-120	
4-Bromofluorobenzene (S)	%				95	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%				98	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: MSV/66477 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184270001, 60184270002

METHOD BLANK: 1494615 | Matrix: Water
Associated Lab Samples: 60184270001, 60184270002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	12/15/14 15:33	N2
1,2-Dichloroethane-d4 (S)	%	102	80-120	12/15/14 15:33	
4-Bromofluorobenzene (S)	%	99	80-120	12/15/14 15:33	
Toluene-d8 (S)	%	103	80-120	12/15/14 15:33	

LABORATORY CONTROL SAMPLE: 1494616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	96.2	96	38-134	N2
1,2-Dichloroethane-d4 (S)	%			104	80-120	
4-Bromofluorobenzene (S)	%			94	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1494659

Parameter	Units	60184402002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	5000	4050	77	10-160	N2
1,2-Dichloroethane-d4 (S)	%				99	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				101	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: OEXT/47461 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184270001

METHOD BLANK: 1492228 | Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/12/14 13:31	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/12/14 13:31	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/12/14 13:31	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/12/14 13:31	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/12/14 13:31	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/12/14 13:31	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/12/14 13:31	
Hexachloroethane	ug/L	ND	5.0	12/12/14 13:31	
Naphthalene	ug/L	ND	5.0	12/12/14 13:31	
Nitrobenzene	ug/L	ND	5.0	12/12/14 13:31	
Pentachlorophenol	ug/L	ND	5.0	12/12/14 13:31	
Phenol	ug/L	ND	5.0	12/12/14 13:31	
2,4,6-Tribromophenol (S)	%	103	39-120	12/12/14 13:31	
2-Fluorobiphenyl (S)	%	99	39-120	12/12/14 13:31	
2-Fluorophenol (S)	%	56	17-120	12/12/14 13:31	
Nitrobenzene-d5 (S)	%	100	33-120	12/12/14 13:31	
Phenol-d6 (S)	%	37	11-120	12/12/14 13:31	
Terphenyl-d14 (S)	%	105	45-120	12/12/14 13:31	

LABORATORY CONTROL SAMPLE: 1492229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.3	85	46-120	
2,4,6-Trichlorophenol	ug/L	50	42.4	85	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	36.8	74	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.7	67	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	51.4	103	40-133	
Hexachloro-1,3-butadiene	ug/L	50	39.1	78	44-116	
Hexachlorocyclopentadiene	ug/L	100	40.9	41	24-120	
Hexachloroethane	ug/L	50	38.3	77	43-113	
Naphthalene	ug/L	50	44.5	89	48-120	
Nitrobenzene	ug/L	50	44.6	89	48-120	
Pentachlorophenol	ug/L	50	45.2	90	47-120	
Phenol	ug/L	50	17.6	35	16-112	
2,4,6-Tribromophenol (S)	%			94	39-120	
2-Fluorobiphenyl (S)	%			88	39-120	
2-Fluorophenol (S)	%			51	17-120	
Nitrobenzene-d5 (S)	%			90	33-120	
Phenol-d6 (S)	%			34	11-120	
Terphenyl-d14 (S)	%			92	45-120	

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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

MATRIX SPIKE SAMPLE: 1492230

Parameter	Units	60184270001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4400	88	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4930	99	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	3940	79	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	5040	74	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	5570	111	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	4090	82	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	4990	50	11-120	
Hexachloroethane	ug/L	ND	5000	3940	79	40-113	
Naphthalene	ug/L	ND	5000	5020	95	45-120	
Nitrobenzene	ug/L	ND	5000	5050	101	38-120	
Pentachlorophenol	ug/L	ND	5000	6170	123	43-135	
Phenol	ug/L	1480	5000	3620	43	13-112	
2,4,6-Tribromophenol (S)	%				101	39-120	
2-Fluorobiphenyl (S)	%				95	39-120	
2-Fluorophenol (S)	%				52	17-120	
Nitrobenzene-d5 (S)	%				107	33-120	
Phenol-d6 (S)	%				34	11-120	
Terphenyl-d14 (S)	%				99	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WET/52031 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184270001

METHOD BLANK: 1493370 | Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/15/14 08:55	

LABORATORY CONTROL SAMPLE: 1493371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.5	99	78-114	

MATRIX SPIKE SAMPLE: 1493372

Parameter	Units	60183823004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	<5.0	44.9	44.4	96	78-114	

SAMPLE DUPLICATE: 1493373

Parameter	Units	60183823005 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	<5.0	1.5J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WET/52048
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184270001

METHOD BLANK: 1494317
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/14/14 07:27	

SAMPLE DUPLICATE: 1494318

Parameter	Units	60184258001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	50.0	51.0	2	10	

SAMPLE DUPLICATE: 1494319

Parameter	Units	60184278003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	50.0	62.0	21	10	D6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WET/52044
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184270001

SAMPLE DUPLICATE: 1493894

Parameter	Units	60184159001 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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WET/52013
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184270001

METHOD BLANK: 1492790
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/16/14 13:21	

LABORATORY CONTROL SAMPLE: 1492791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	188	95	85-115	

SAMPLE DUPLICATE: 1492792

Parameter	Units	60184270001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	7700	7740	0	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WETA/32205
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184270001

METHOD BLANK: 1495297
Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/17/14 10:04	

LABORATORY CONTROL SAMPLE: 1495298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	104	90-110	

MATRIX SPIKE SAMPLE: 1495299

Parameter	Units	60183716002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.12	2	1.9	87	90-110	M1

MATRIX SPIKE SAMPLE: 1495301

Parameter	Units	60184270001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	91.2	100	193	101	90-110	

MATRIX SPIKE SAMPLE: 1496775

Parameter	Units	60183960003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	35.1	40	74.0	97	90-110	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

QC Batch: WETA/32170 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184270001

METHOD BLANK: 1494323 | Matrix: Water
Associated Lab Samples: 60184270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/15/14 13:29	

LABORATORY CONTROL SAMPLE: 1494324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	45.9	92	90-110	

MATRIX SPIKE SAMPLE: 1494325

Parameter	Units	60184270001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	20600	12500	31700	88	90-110	M1

MATRIX SPIKE SAMPLE: 1494327

Parameter	Units	60183991003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	49.9	50	89.4	79	90-110	M1

SAMPLE DUPLICATE: 1494326

Parameter	Units	60184147003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	ND	3.8J		25	

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QUALIFIERS

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-086
Pace Project No.: 60184270

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184270001	**T1-086**	EPA 200.7	MPRP/30144	EPA 200.7	ICP/22546
60184270001	**T1-086**	EPA 200.7	MPRP/30139	EPA 200.7	ICP/22548
60184270001	**T1-086**	EPA 245.1	MERP/9137	EPA 245.1	MERC/9090
60184270001	**T1-086**	EPA 245.1	MERP/9138	EPA 245.1	MERC/9091
60184270001	**T1-086**	EPA 625	OEXT/47461	EPA 625	MSSV/15323
60184270001	**T1-086**	EPA 624 Low	MSV/66413		
60184270001	**T1-086**	EPA 624 Low	MSV/66477		
60184270002	**TRIP BLANK**	EPA 624 Low	MSV/66413		
60184270002	**TRIP BLANK**	EPA 624 Low	MSV/66477		
60184270001	**T1-086**	EPA 1664A	WET/52031		
60184270001	**T1-086**	SM 2540D	WET/52048		
60184270001	**T1-086**	SM 4500-H+B	WET/52044		
60184270001	**T1-086**	SM 5210B	WET/52013	SM 5210B	WET/52090
60184270001	**T1-086**	EPA 350.1	WETA/32205		
60184270001	**T1-086**	EPA 410.4	WETA/32170		

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Sample Condition Upon Receipt

WO# : 60184270
60184270

Client Name: Bart

Optional
Proj Due Date:
Proj Name:

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

Cooler Temperature: 2.5

Temperature should be above freezing to 6°C

Date and initials of person examining contents: BR 12/11/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.	
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.	
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.	
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.	
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.	
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6.	BOD pH
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.	
Sufficient volume:	☑Yes	☐No	☐N/A	8.	
Correct containers used:	☑Yes	☐No	☐N/A		
Pace containers used:	☑Yes	☐No	☐N/A	9.	
Containers intact:	☑Yes	☐No	☐N/A	10.	BR 12/11/14
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.	
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.	
Sample labels match COC:	☑Yes	☐No	☐N/A		
Includes date/time/ID/analyses ✓ Matrix: water				13.	
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A		BP3S pH = 6.0
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	14.	BP3N adjusted 6.0 → 3.0 w/ 2.5 mL HNO_3
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No		Initial when completed BB	Lot # of added preservative 12513-32-10
Trip Blank present:	☑Yes	☐No	☐N/A		
Pace Trip Blank lot # (if purchased): Covered				15.	
Headspace in VOA vials (>6mm):	☑Yes	☐No	☐N/A		only in 1 (2490)
				16.	
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A	17. List State: MO	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

F-KS-C-003-Rev 7, 04December2012

Pace Analytical

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 — 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

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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		BOD SM 5210B		Residual Chlorine (Y/N)	60184270
1	1(BP3U) 2(AG4UTT) -036 1(BP3N) (BP2S)	OT	G	2(AG 3S)	12/10/14		1030		14	10	3	1	0	2	(BP2U)				X	X	X	X	X	X	X	X	X		X	5(G 3U)		01
2	TRIP BLANK								2	2			2	(DG 3 U)												X						02
3																																
4																																
5																																
6																															METALS LIST total & LF Dis:	
7																															Al,Sb,As,Be,Cd,Cr,	
8																															Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn	
9																															and Mercury	
10																																
11																																
12																																

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Hunter King	12/10/14	1030	[illegible]	12/10	1155				
SITE ADDRESS: BRIDGETON LF				Ben Pergoff Pari	12/11	0145	2.5	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: Hunter King					
SIGNATURE of SAMPLER: Hunter King	DATE Signed: 12/10/14				

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December 17, 2014

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

RE: Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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

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CERTIFICATIONS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

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 T1-085
Pace Project No.: 60184172

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184172001	**T1-085**	Water	12/09/14 11:00	12/10/14 02:20
60184172002	**TRIP BLANK**	Water	12/09/14 11:00	12/10/14 02:20

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184172001	**T1-085**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184172002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Sample: T1-085 **Lab ID: 60184172001** Collected: 12/09/14 11:00 Received: 12/10/14 02:20 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	**26500**	ug/L	375	1	12/11/14 11:50	12/15/14 14:40	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:40	7440-36-0	
Arsenic	**604**	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:40	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/11/14 11:50	12/15/14 14:40	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:40	7440-43-9	
Chromium	**168**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:40	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:40	7440-48-4	
Copper	ND	ug/L	50.0	1	12/11/14 11:50	12/15/14 14:40	7440-50-8	
Iron	**481000**	ug/L	250	1	12/11/14 11:50	12/15/14 14:40	7439-89-6	
Lead	**80.6**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:40	7439-92-1	
Nickel	**78.1**	ug/L	25.0	1	12/11/14 11:50	12/15/14 14:40	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/11/14 11:50	12/15/14 14:40	7782-49-2	
Silver	ND	ug/L	35.0	1	12/11/14 11:50	12/15/14 14:40	7440-22-4	
Thallium	ND	ug/L	100	1	12/11/14 11:50	12/15/14 14:40	7440-28-0	
Zinc	**3200**	ug/L	250	1	12/11/14 11:50	12/15/14 14:40	7440-66-6	
200.7 Metals, Dissolved (LF)	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Aluminum, Dissolved	**447**	ug/L	375	1	12/12/14 12:05	12/15/14 16:00	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:00	7440-36-0	
Arsenic, Dissolved	**431**	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:00	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/12/14 12:05	12/15/14 16:00	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:00	7440-43-9	
Chromium, Dissolved	**70.8**	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:00	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:00	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/12/14 12:05	12/15/14 16:00	7440-50-8	
Iron, Dissolved	**34000**	ug/L	250	1	12/12/14 12:05	12/16/14 09:47	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:00	7439-92-1	
Nickel, Dissolved	**46.8**	ug/L	25.0	1	12/12/14 12:05	12/15/14 16:00	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/12/14 12:05	12/15/14 16:00	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/12/14 12:05	12/15/14 16:00	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/12/14 12:05	12/15/14 16:00	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/12/14 12:05	12/15/14 16:00	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	**18.8**	ug/L	6.0	1	12/10/14 15:15	12/11/14 13:57	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	12/12/14 09:00	12/12/14 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	12/10/14 00:00	12/11/14 15:50	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/10/14 00:00	12/11/14 15:50	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/10/14 00:00	12/11/14 15:50		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Sample: T1-085 **Lab ID: 60184172001** Collected: 12/09/14 11:00 Received: 12/10/14 02:20 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	12/10/14 00:00	12/11/14 15:50	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	87-86-5	
Phenol	**906**	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/10/14 00:00	12/11/14 15:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	89	%	33-120	1	12/10/14 00:00	12/11/14 15:50	4165-60-0	
2-Fluorobiphenyl (S)	77	%	39-120	1	12/10/14 00:00	12/11/14 15:50	321-60-8	
Terphenyl-d14 (S)	81	%	45-120	1	12/10/14 00:00	12/11/14 15:50	1718-51-0	
Phenol-d6 (S)	29	%	11-120	1	12/10/14 00:00	12/11/14 15:50	13127-88-3	
2-Fluorophenol (S)	42	%	17-120	1	12/10/14 00:00	12/11/14 15:50	367-12-4	
2,4,6-Tribromophenol (S)	72	%	39-120	1	12/10/14 00:00	12/11/14 15:50	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**64300**	ug/L	1000	100		12/15/14 16:44	67-64-1	N2
Benzene	ND	ug/L	100	100		12/12/14 04:52	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/12/14 04:52	75-27-4	
Bromoform	ND	ug/L	100	100		12/12/14 04:52	75-25-2	
Bromomethane	ND	ug/L	500	100		12/12/14 04:52	74-83-9	
2-Butanone (MEK)	**35800**	ug/L	1000	100		12/12/14 04:52	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/12/14 04:52	56-23-5	
Chloroethane	ND	ug/L	100	100		12/12/14 04:52	75-00-3	
Chloroform	ND	ug/L	100	100		12/12/14 04:52	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/12/14 04:52	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/12/14 04:52	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/12/14 04:52	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/12/14 04:52	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/12/14 04:52	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/12/14 04:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/12/14 04:52	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/12/14 04:52	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/12/14 04:52	127-18-4	
Toluene	ND	ug/L	100	100		12/12/14 04:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/12/14 04:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/12/14 04:52	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/12/14 04:52	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/12/14 04:52	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/12/14 04:52	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	100		12/12/14 04:52	460-00-4	
Toluene-d8 (S)	97	%	80-120	100		12/12/14 04:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	80-120	100		12/12/14 04:52	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/12/14 04:52		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**124**	mg/L	5.0	1		12/15/14 08:46		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Sample: T1-085 **Lab ID: 60184172001** Collected: 12/09/14 11:00 Received: 12/10/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**10100**	mg/L	5.0	1		12/11/14 17:35		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.3**	Std. Units	0.10	1		12/15/14 09:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**7980**	mg/L	2.0	1	12/10/14 17:23	12/15/14 10:59		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**70.8**	mg/L	2.0	20		12/16/14 10:49	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**18200**	mg/L	2500	250		12/13/14 07:29		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Sample: TRIP BLANK **Lab ID: 60184172002** Collected: 12/09/14 11:00 Received: 12/10/14 02:20 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		12/15/14 16:58	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/12/14 06:03	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/12/14 06:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/12/14 06:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/12/14 06:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/12/14 06:03	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/12/14 06:03	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/12/14 06:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/12/14 06:03	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/12/14 06:03	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/12/14 06:03	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 06:03	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/12/14 06:03	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/12/14 06:03	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/12/14 06:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/12/14 06:03	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/12/14 06:03	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/12/14 06:03	127-18-4	
Toluene	ND	ug/L	1.0	1		12/12/14 06:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/12/14 06:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/12/14 06:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/12/14 06:03	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/12/14 06:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/12/14 06:03	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		12/12/14 06:03	460-00-4	
Toluene-d8 (S)	100	%	80-120	1		12/12/14 06:03	2037-26-5	
1,2-Dichloroethane-d4 (S)	91	%	80-120	1		12/12/14 06:03	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/12/14 06:03		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MERP/9133
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184172001

METHOD BLANK: 1492063
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/11/14 13:45	

LABORATORY CONTROL SAMPLE: 1492064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.4	88	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492065 1492066

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	17.0	150	150	139	146	81	86	70-130	5	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MERP/9138
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184172001

METHOD BLANK: 1492846
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/12/14 12:46	

LABORATORY CONTROL SAMPLE: 1492847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.7	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492848 1492849

Parameter	Units	60184159001 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	98.1	102	65	68	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MPRP/30121
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184172001

METHOD BLANK: 1492357
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/15/14 14:23	
Antimony	ug/L	ND	10.0	12/15/14 14:23	
Arsenic	ug/L	ND	10.0	12/15/14 14:23	
Beryllium	ug/L	ND	1.0	12/15/14 14:23	
Cadmium	ug/L	ND	5.0	12/15/14 14:23	
Chromium	ug/L	ND	5.0	12/15/14 14:23	
Cobalt	ug/L	ND	5.0	12/15/14 14:23	
Copper	ug/L	ND	10.0	12/15/14 14:23	
Iron	ug/L	ND	50.0	12/15/14 14:23	
Lead	ug/L	ND	5.0	12/15/14 14:23	
Nickel	ug/L	ND	5.0	12/15/14 14:23	
Selenium	ug/L	ND	15.0	12/15/14 14:23	
Silver	ug/L	ND	7.0	12/15/14 14:23	
Thallium	ug/L	ND	20.0	12/15/14 14:23	
Zinc	ug/L	ND	50.0	12/15/14 14:23	

LABORATORY CONTROL SAMPLE: 1492358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9480	95	85-115	
Antimony	ug/L	1000	1030	103	85-115	
Arsenic	ug/L	1000	1010	101	85-115	
Beryllium	ug/L	1000	998	100	85-115	
Cadmium	ug/L	1000	1020	102	85-115	
Chromium	ug/L	1000	1020	102	85-115	
Cobalt	ug/L	1000	975	98	85-115	
Copper	ug/L	1000	944	94	85-115	
Iron	ug/L	10000	9340	93	85-115	
Lead	ug/L	1000	986	99	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	983	98	85-115	
Silver	ug/L	500	472	94	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	993	99	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492359 1492360

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	30000	50000	50000	77600	78600	95	97	70-130	1	20	
Antimony	ug/L	ND	5000	5000	5180	5310	103	106	70-130	2	20	
Arsenic	ug/L	614	5000	5000	5880	5980	105	107	70-130	2	20	
Beryllium	ug/L	ND	5000	5000	4820	4940	96	99	70-130	2	20	
Cadmium	ug/L	ND	5000	5000	5180	5290	104	106	70-130	2	20	
Chromium	ug/L	179	5000	5000	5080	5200	98	101	70-130	3	20	
Cobalt	ug/L	ND	5000	5000	4670	4770	93	95	70-130	2	20	
Copper	ug/L	ND	5000	5000	4700	4800	94	96	70-130	2	20	
Iron	ug/L	499000	50000	50000	518000	507000	38	16	70-130	2	20	M1
Lead	ug/L	84.0	5000	5000	4660	4740	91	93	70-130	2	20	
Nickel	ug/L	81.4	5000	5000	4900	5020	96	99	70-130	2	20	
Selenium	ug/L	ND	5000	5000	5110	5220	102	104	70-130	2	20	
Silver	ug/L	ND	2500	2500	2460	2500	98	100	70-130	2	20	
Thallium	ug/L	ND	5000	5000	4500	4630	89	92	70-130	3	20	
Zinc	ug/L	3510	5000	5000	8000	8050	90	91	70-130	1	20	

MATRIX SPIKE SAMPLE: 1492361

Parameter	Units	60184176003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	131	10000	9280	91	70-130	
Antimony	ug/L	11.9	1000	1090	108	70-130	
Arsenic	ug/L	322	1000	1420	110	70-130	
Beryllium	ug/L	ND	1000	943	94	70-130	
Cadmium	ug/L	ND	1000	1070	107	70-130	
Chromium	ug/L	37.5	1000	1020	99	70-130	
Cobalt	ug/L	ND	1000	924	92	70-130	
Copper	ug/L	ND	1000	953	95	70-130	
Iron	ug/L	5880	10000	14400	86	70-130	
Lead	ug/L	5.2	1000	897	89	70-130	
Nickel	ug/L	26.2	1000	981	96	70-130	
Selenium	ug/L	ND	1000	1040	103	70-130	
Silver	ug/L	ND	500	519	104	70-130	
Thallium	ug/L	ND	1000	873	87	70-130	
Zinc	ug/L	ND	1000	952	93	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MPRP/30139
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184172001

METHOD BLANK: 1492958
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/15/14 15:46	
Antimony, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Arsenic, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Beryllium, Dissolved	ug/L	ND	1.0	12/15/14 15:46	
Cadmium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Chromium, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Cobalt, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Copper, Dissolved	ug/L	ND	10.0	12/15/14 15:46	
Iron, Dissolved	ug/L	ND	50.0	12/16/14 09:29	
Lead, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Nickel, Dissolved	ug/L	ND	5.0	12/15/14 15:46	
Selenium, Dissolved	ug/L	ND	15.0	12/15/14 15:46	
Silver, Dissolved	ug/L	ND	7.0	12/15/14 15:46	
Thallium, Dissolved	ug/L	ND	20.0	12/15/14 15:46	
Zinc, Dissolved	ug/L	ND	50.0	12/15/14 15:46	

LABORATORY CONTROL SAMPLE: 1492959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9300	93	85-115	
Antimony, Dissolved	ug/L	1000	1050	105	85-115	
Arsenic, Dissolved	ug/L	1000	1040	104	85-115	
Beryllium, Dissolved	ug/L	1000	986	99	85-115	
Cadmium, Dissolved	ug/L	1000	1040	104	85-115	
Chromium, Dissolved	ug/L	1000	1030	103	85-115	
Cobalt, Dissolved	ug/L	1000	977	98	85-115	
Copper, Dissolved	ug/L	1000	928	93	85-115	
Iron, Dissolved	ug/L	10000	10300	103	85-115	
Lead, Dissolved	ug/L	1000	994	99	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	474	95	85-115	
Thallium, Dissolved	ug/L	1000	1040	104	85-115	
Zinc, Dissolved	ug/L	1000	1000	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1492960 1492961

Parameter	Units	60184159001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	46100	45800	92	91	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5280	5280	105	105	70-130	0	20	
Arsenic, Dissolved	ug/L	378	5000	5000	5700	5760	107	108	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4810	4790	96	96	70-130	0	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5210	5220	104	104	70-130	0	20	
Chromium, Dissolved	ug/L	61.2	5000	5000	5140	5100	101	101	70-130	1	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4700	4700	94	94	70-130	0	20	
Copper, Dissolved	ug/L	ND	5000	5000	4610	4580	92	91	70-130	1	20	
Iron, Dissolved	ug/L	33300	50000	50000	83300	87200	100	108	70-130	5	20	
Lead, Dissolved	ug/L	ND	5000	5000	4680	4680	93	94	70-130	0	20	
Nickel, Dissolved	ug/L	41.3	5000	5000	5020	5020	100	100	70-130	0	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5140	5160	103	103	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2430	2440	97	97	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4750	4760	95	95	70-130	0	20	
Zinc, Dissolved	ug/L	ND	5000	5000	4870	4870	97	97	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MSV/66413 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184172001, 60184172002

METHOD BLANK: 1492687 | Matrix: Water
Associated Lab Samples: 60184172001, 60184172002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/12/14 03:56	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,2-Dichloroethane	ug/L	ND	1.0	12/12/14 03:56	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/12/14 03:56	
2-Butanone (MEK)	ug/L	ND	10.0	12/12/14 03:56	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/12/14 03:56	N2
Benzene	ug/L	ND	1.0	12/12/14 03:56	
Bromodichloromethane	ug/L	ND	1.0	12/12/14 03:56	
Bromoform	ug/L	ND	1.0	12/12/14 03:56	
Bromomethane	ug/L	ND	5.0	12/12/14 03:56	
Carbon tetrachloride	ug/L	ND	1.0	12/12/14 03:56	
Chloroethane	ug/L	ND	1.0	12/12/14 03:56	
Chloroform	ug/L	ND	1.0	12/12/14 03:56	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	N2
Ethylbenzene	ug/L	ND	1.0	12/12/14 03:56	
Methylene chloride	ug/L	ND	1.0	12/12/14 03:56	
Tetrachloroethene	ug/L	ND	1.0	12/12/14 03:56	
Toluene	ug/L	ND	1.0	12/12/14 03:56	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Trichloroethene	ug/L	ND	1.0	12/12/14 03:56	
Vinyl chloride	ug/L	ND	1.0	12/12/14 03:56	
Xylene (Total)	ug/L	ND	3.0	12/12/14 03:56	N2
1,2-Dichloroethane-d4 (S)	%	93	80-120	12/12/14 03:56	
4-Bromofluorobenzene (S)	%	99	80-120	12/12/14 03:56	
Toluene-d8 (S)	%	100	80-120	12/12/14 03:56	

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.2	96	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	18.3	92	67-127	N2
1,1,2-Trichloroethane	ug/L	20	21.2	106	67-124	
1,2-Dichloroethane	ug/L	20	18.4	92	70-126	
1,4-Dichlorobenzene	ug/L	20	20.0	100	74-120	
2-Butanone (MEK)	ug/L	100	83.6	84	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.9	93	59-131	N2
Benzene	ug/L	20	20.5	102	75-120	
Bromodichloromethane	ug/L	20	19.6	98	68-125	
Bromoform	ug/L	20	20.4	102	65-127	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

LABORATORY CONTROL SAMPLE: 1492688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	17.7	89	13-157	
Carbon tetrachloride	ug/L	20	19.8	99	70-131	
Chloroethane	ug/L	20	24.4	122	47-133	
Chloroform	ug/L	20	18.9	95	65-127	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	68-127	N2
Ethylbenzene	ug/L	20	21.7	109	74-122	
Methylene chloride	ug/L	20	17.0	85	64-129	
Tetrachloroethene	ug/L	20	21.4	107	73-125	
Toluene	ug/L	20	20.1	101	69-126	
trans-1,2-Dichloroethene	ug/L	20	18.6	93	66-129	
Trichloroethene	ug/L	20	20.8	104	71-123	
Vinyl chloride	ug/L	20	17.6	88	43-129	
Xylene (Total)	ug/L	60	64.8	108	75-121	N2
1,2-Dichloroethane-d4 (S)	%			88	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	4000	3900	97	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	3390	85	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	4000	3600	90	52-143	
1,2-Dichloroethane	ug/L	ND	4000	3550	89	49-144	
1,4-Dichlorobenzene	ug/L	ND	4000	3750	92	33-140	
2-Butanone (MEK)	ug/L	29000	20000	41600	63	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	17600	85	40-160	N2
Benzene	ug/L	ND	4000	3850	96	37-151	
Bromodichloromethane	ug/L	ND	4000	3690	92	35-142	
Bromoform	ug/L	ND	4000	3560	89	45-142	
Bromomethane	ug/L	ND	4000	3700	91	10-158	
Carbon tetrachloride	ug/L	ND	4000	4130	103	70-140	
Chloroethane	ug/L	ND	4000	4260	106	19-152	
Chloroform	ug/L	ND	4000	3630	91	51-138	
cis-1,2-Dichloroethene	ug/L	ND	4000	3810	95	34-147	N2
Ethylbenzene	ug/L	ND	4000	4090	102	40-142	
Methylene chloride	ug/L	ND	4000	3090	76	31-144	
Tetrachloroethene	ug/L	ND	4000	3980	100	64-148	
Toluene	ug/L	ND	4000	3740	94	47-150	
trans-1,2-Dichloroethene	ug/L	ND	4000	3880	97	54-151	
Trichloroethene	ug/L	ND	4000	3780	95	71-149	
Vinyl chloride	ug/L	ND	4000	3810	95	22-146	
Xylene (Total)	ug/L	ND	12000	12400	104	37-144	N2
1,2-Dichloroethane-d4 (S)	%				94	80-120	
4-Bromofluorobenzene (S)	%				95	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

MATRIX SPIKE SAMPLE: 1492689

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%				98	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: MSV/66477 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184172001, 60184172002

METHOD BLANK: 1494615 | Matrix: Water
Associated Lab Samples: 60184172001, 60184172002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/L	ND	10.0	12/15/14 15:33	N2
1,2-Dichloroethane-d4 (S)	%	102	80-120	12/15/14 15:33	
4-Bromofluorobenzene (S)	%	99	80-120	12/15/14 15:33	
Toluene-d8 (S)	%	103	80-120	12/15/14 15:33	

LABORATORY CONTROL SAMPLE: 1494616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	100	96.2	96	38-134	N2
1,2-Dichloroethane-d4 (S)	%			104	80-120	
4-Bromofluorobenzene (S)	%			94	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1494659

Parameter	Units	60184402002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	5000	4050	77	10-160	N2
1,2-Dichloroethane-d4 (S)	%				99	80-120	
4-Bromofluorobenzene (S)	%				98	80-120	
Toluene-d8 (S)	%				101	80-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: OEXT/47451 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184172001

METHOD BLANK: 1491661 | Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/11/14 09:10	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/11/14 09:10	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/11/14 09:10	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/11/14 09:10	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/11/14 09:10	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/11/14 09:10	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/11/14 09:10	
Hexachloroethane	ug/L	ND	5.0	12/11/14 09:10	
Naphthalene	ug/L	ND	5.0	12/11/14 09:10	
Nitrobenzene	ug/L	ND	5.0	12/11/14 09:10	
Pentachlorophenol	ug/L	ND	5.0	12/11/14 09:10	
Phenol	ug/L	ND	5.0	12/11/14 09:10	
2,4,6-Tribromophenol (S)	%	77	39-120	12/11/14 09:10	
2-Fluorobiphenyl (S)	%	79	39-120	12/11/14 09:10	
2-Fluorophenol (S)	%	38	17-120	12/11/14 09:10	
Nitrobenzene-d5 (S)	%	82	33-120	12/11/14 09:10	
Phenol-d6 (S)	%	26	11-120	12/11/14 09:10	
Terphenyl-d14 (S)	%	79	45-120	12/11/14 09:10	

LABORATORY CONTROL SAMPLE: 1491662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	38.6	77	46-120	
2,4,6-Trichlorophenol	ug/L	50	38.7	77	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	31.5	63	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	28.4	57	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	37.9	76	40-133	
Hexachloro-1,3-butadiene	ug/L	50	38.9	78	44-116	
Hexachlorocyclopentadiene	ug/L	100	40.8	41	24-120	
Hexachloroethane	ug/L	50	39.3	79	43-113	
Naphthalene	ug/L	50	38.6	77	48-120	
Nitrobenzene	ug/L	50	40.4	81	48-120	
Pentachlorophenol	ug/L	50	30.8	62	47-120	
Phenol	ug/L	50	14.2	28	16-112	
2,4,6-Tribromophenol (S)	%			75	39-120	
2-Fluorobiphenyl (S)	%			80	39-120	
2-Fluorophenol (S)	%			41	17-120	
Nitrobenzene-d5 (S)	%			78	33-120	
Phenol-d6 (S)	%			27	11-120	
Terphenyl-d14 (S)	%			80	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

MATRIX SPIKE SAMPLE: 1491663

Parameter	Units	60184080001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	34.2J	68	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	ND	0	50-120	M1
2-Methylphenol(o-Cresol)	ug/L	ND	50	ND	0	30-120	M1,N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	ND	0	27-120	M1,N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	ND	0	10-160	M1
Hexachloro-1,3-butadiene	ug/L	ND	50	32.5J	65	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	ND	0	11-120	M1
Hexachloroethane	ug/L	ND	50	ND	38	40-113	M1
Naphthalene	ug/L	ND	50	41.4J	83	45-120	
Nitrobenzene	ug/L	ND	50	41.7J	83	38-120	
Pentachlorophenol	ug/L	ND	50	ND	0	43-135	M1
Phenol	ug/L	ND	50	ND	0	13-112	M1
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 T1-085
Pace Project No.: 60184172

QC Batch: WET/52030 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184172001

METHOD BLANK: 1493315 | Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/15/14 08:45	

LABORATORY CONTROL SAMPLE: 1493316

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: 1493318

Parameter	Units	60183968002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40	41.2	103	78-114	

SAMPLE DUPLICATE: 1493317

Parameter	Units	60183968001 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 T1-085
Pace Project No.: 60184172

QC Batch: WET/51994
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184172001

METHOD BLANK: 1492140
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/11/14 17:35	

SAMPLE DUPLICATE: 1492141

Parameter	Units	60184172001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10100	10200	0	10	

SAMPLE DUPLICATE: 1492142

Parameter	Units	60184206001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	15.0	11.0	31	10	D6

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: WET/52044
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184172001

SAMPLE DUPLICATE: 1493894

Parameter	Units	60184159001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	5	H6

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 T1-085
Pace Project No.: 60184172

QC Batch: WET/51987
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184172001

METHOD BLANK: 1492077
Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/15/14 10:42	

LABORATORY CONTROL SAMPLE: 1492078

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	200	101	85-115	

SAMPLE DUPLICATE: 1492079

Parameter	Units	60184196001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1080	1060	2	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: WETA/32188 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184172001

METHOD BLANK: 1494809 | Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/16/14 10:03	

LABORATORY CONTROL SAMPLE: 1494810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	106	90-110	

MATRIX SPIKE SAMPLE: 1494811

Parameter	Units	60182815003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.0	102	90-110	

MATRIX SPIKE SAMPLE: 1494813

Parameter	Units	60183710001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.90	2	2.4	73	90-110	M1

SAMPLE DUPLICATE: 1494812

Parameter	Units	60183844001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.7	1.7	2	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

QC Batch: WETA/32133 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184172001

METHOD BLANK: 1492146 | Matrix: Water
Associated Lab Samples: 60184172001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/13/14 07:27	

LABORATORY CONTROL SAMPLE: 1492147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	45.0	90	90-110	

MATRIX SPIKE SAMPLE: 1492148

Parameter	Units	60184159001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	16600	12500	28200	93	90-110	

MATRIX SPIKE SAMPLE: 1492150

Parameter	Units	60184147001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	30.9	50	77.2	93	90-110	

SAMPLE DUPLICATE: 1492149

Parameter	Units	60184182002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	157	157	0	25	

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QUALIFIERS

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

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.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-085
Pace Project No.: 60184172

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184172001	**T1-085**	EPA 200.7	MPRP/30121	EPA 200.7	ICP/22534
60184172001	**T1-085**	EPA 200.7	MPRP/30139	EPA 200.7	ICP/22548
60184172001	**T1-085**	EPA 245.1	MERP/9133	EPA 245.1	MERC/9086
60184172001	**T1-085**	EPA 245.1	MERP/9138	EPA 245.1	MERC/9091
60184172001	**T1-085**	EPA 625	OEXT/47451	EPA 625	MSSV/15313
60184172001	**T1-085**	EPA 624 Low	MSV/66413		
60184172001	**T1-085**	EPA 624 Low	MSV/66477		
60184172002	**TRIP BLANK**	EPA 624 Low	MSV/66413		
60184172002	**TRIP BLANK**	EPA 624 Low	MSV/66477		
60184172001	**T1-085**	EPA 1664A	WET/52030		
60184172001	**T1-085**	SM 2540D	WET/51994		
60184172001	**T1-085**	SM 4500-H+B	WET/52044		
60184172001	**T1-085**	SM 5210B	WET/51987	SM 5210B	WET/52058
60184172001	**T1-085**	EPA 350.1	WETA/32188		
60184172001	**T1-085**	EPA 410.4	WETA/32133		

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Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60184172
60184172

Client Name: Barr Eng

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 ☑ ziplc

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

Cooler Temperature: 2-1

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 12/10/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.	
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.	
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.	
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.	
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.	
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6. BOD PH	
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.	
Sufficient volume:	☑Yes	☐No	☐N/A	8.	
Correct containers used:	☑Yes	☐No	☐N/A		
Pace containers used:	☑Yes	☐No	☐N/A	9.	
Containers intact:	☑Yes	☐No	☐N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.	
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.	
Sample labels match COC:	☑Yes	☐No	☐N/A		
Includes date/time/ID/analyses Matrix: WT				13.	
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A		
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	14.	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No		Initial when completed	Lot # of added preservative
Trip Blank present:	☑Yes	☐No	☐N/A		
Pace Trip Blank lot # (if purchased): 101314-3				15.	
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A	16.	
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A	17. List State: MO	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12/10/14

Pace Analytical

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 — 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 #:	7588 LINE 2

Regulatory Agency	
State / Location	
	Missouri

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

Requested Analysis Filtered (Y/N): Y/N

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test: 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		BOD SM 5210B			Residual Chlorine (Y/N)	60184172
1	T1-085 2AG4U 1BP3U 2AG3S	OT	G			12/9/14	1100		14	10		1	0	1BO3S				X	X	X	X	X	X	X	X	X		X	1H3	P3N	M.0 2BP2U 5DG9U	001
2	TRIP BLANK								2	2															X						2DG9U	002
3																																
4																																
5																																
6																															METALS LIST total & LF Dis:	
7																															Al,Sb,As,Be,Cd,Cr,	
8																															Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn	
9																															and Mercury	
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Hunter King	12/9/14	1200	[illegible]	12/9	1200				
SITE ADDRESS: BRIDGETON LF				[illegible]	12/10/14	0220	2.1	Y	Y	Y
13570 ST. CHARLES ROCK RD										
BRIDGETON MO 63044										

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Hunter King	
SIGNATURE of SAMPLER:	Hunter King	DATE Signed: 12/9/14

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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 assesment, 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
NAL13026-1768	T1-087	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	67-64-1	Acetone	430	X+	ug/L	5000	778.04	12/15/2014	12/15/2014	12/15/2014	WG	500	NA	5.0	NA	SW8260B	NALD5558				
NAL13026-1768	T1-087	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	78-93-3	2-Butanone		U	ug/L	5000	405.90	12/15/2014	12/15/2014	12/15/2014	WG	500	NA	5.0	NA	SW8260B	NALD5558				
NAL13026-1768	T1-087	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	71-43-2	Benzene		U	ug/L	5	0.68	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	108-88-3	Toluene		U	ug/L	5	1.05	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	108-10-1	4-Methyl-2-pentanone	340		ug/L	25	3.70	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	591-78-6	2-Hexanone	110		ug/L	25	3.45	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	100-41-4	Ethylbenzene		U	ug/L	5	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	XYLMP	p&m-Xylene		U	ug/L	10	1.31	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	95-47-6	o-Xylene	0.70	J	ug/L	5	0.64	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				

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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
NAL13026-1768	T1-087	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	95-63-6	1,2,4-Trimethylbenzene	1.7	J	ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	99-87-6	p-Isopropltoluene	5.9	J	ug/L	10	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	106-46-7	1,4-Dichlorobenzene	4.5	J	ug/L	10	1.65	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	104-51-8	n-Butylbenzene	1.5	J	ug/L	25	1.39	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	120-82-1	1,2,4-Trichlorobenzene	2.5	J	ug/L	25	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	91-20-3	Naphthalene	10	J	ug/L	25	2.80	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	ORG	87-61-6	1,2,3-Trichlorobenzene	2.5	J	ug/L	25	1.16	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559				
NAL13026-1768	T1-087	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559	50	98%		
NAL13026-1768	T1-087	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559	50	100%		
NAL13026-1768	T1-087	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559	50	98%		
NAL13026-1768	T1-087	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5559	50	110%		

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D121414ICVB	D121414ICVB	ORG	75-71-8	Dichlorodifluoromethane	60		ug/L	5	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	120%		
D121414ICVB	D121414ICVB	ORG	74-87-3	Chloromethane	53		ug/L	5	0.43	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	106%		
D121414ICVB	D121414ICVB	ORG	75-01-4	Vinyl chloride	60		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	120%		
D121414ICVB	D121414ICVB	ORG	74-83-9	Bromomethane	76		ug/L	5	0.50	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	152%		
D121414ICVB	D121414ICVB	ORG	75-00-3	Chloroethane	50		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	75-69-4	Trichlorofluoromethane	150		ug/L	5	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	300%		
D121414ICVB	D121414ICVB	ORG	75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	75-09-2	Methylene chloride	52		ug/L	5	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	104%		
D121414ICVB	D121414ICVB	ORG	67-64-1	Acetone	76		ug/L	10	1.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	152%		
D121414ICVB	D121414ICVB	ORG	156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	96%		
D121414ICVB	D121414ICVB	ORG	1634-04-4	MTBE	50		ug/L	5	0.61	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	75-34-3	1,1-Dichloroethane	50		ug/L	1	0.53	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	156-59-2	cis-1,2-Dichloroethene	51		ug/L	1	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	ORG	74-97-5	Bromochloromethane	51		ug/L	10	0.41	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	ORG	67-66-3	Chloroform	50		ug/L	2	0.16	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	71-55-6	1,1,1-Trichloroethane	52		ug/L	1	0.17	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	104%		
D121414ICVB	D121414ICVB	ORG	78-93-3	2-Butanone	41		ug/L	1	0.81	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	82%		
D121414ICVB	D121414ICVB	ORG	56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	71-43-2	Benzene	50		ug/L	1	0.14	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	107-06-2	1,2-Dichloroethane	51		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	ORG	79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	74-95-3	Dibromomethane	53		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	106%		
D121414ICVB	D121414ICVB	ORG	78-87-5	1,2-Dichloropropane	51		ug/L	1	0.18	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	ORG	75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	104%		
D121414ICVB	D121414ICVB	ORG	10061-01-5	cis-1,3-Dichloropropene	54		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	108-88-3	Toluene	49		ug/L	1	0.21	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	98%		
D121414ICVB	D121414ICVB	ORG	108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	118%		
D121414ICVB	D121414ICVB	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	127-18-4	Tetrachloroethene	56		ug/L	1	0.49	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	112%		
D121414ICVB	D121414ICVB	ORG	79-00-5	1,1,2-Trichloroethane	51		ug/L	1	0.34	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	ORG	124-48-1	Dibromochloromethane	55		ug/L	5	0.30	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	106-93-4	1,2-Dibromoethane	54		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	591-78-6	2-Hexanone	60		ug/L	2	0.69	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	120%		
D121414ICVB	D121414ICVB	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	96%		
D121414ICVB	D121414ICVB	ORG	630-20-6	1,1,1,2-Tetrachloroethane	56		ug/L	2	0.19	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	112%		
D121414ICVB	D121414ICVB	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	100	110%		
D121414ICVB	D121414ICVB	ORG	95-47-6	o-Xylene	55		ug/L	1	0.13	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	120%		
D121414ICVB	D121414ICVB	ORG	75-25-2	Bromoform	60		ug/L	2	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	120%		
D121414ICVB	D121414ICVB	ORG	98-82-8	Isopropylbenzene	54		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	106%		

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D121414ICVB	D121414ICVB	ORG	96-18-4	1,2,3-Trichloropropane	55		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	108-67-8	1,3,5-Trimethylbenzene	58		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	116%		
D121414ICVB	D121414ICVB	ORG	98-06-6	tert-Butylbenzene	53		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	106%		
D121414ICVB	D121414ICVB	ORG	95-63-6	1,2,4-Trimethylbenzene	59		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	118%		
D121414ICVB	D121414ICVB	ORG	135-98-8	sec-Butylbenzene	54		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	541-73-1	1,3-Dichlorobenzene	48		ug/L	2	0.22	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	96%		
D121414ICVB	D121414ICVB	ORG	99-87-6	p-Isopropltoluene	55		ug/L	2	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	110%		
D121414ICVB	D121414ICVB	ORG	106-46-7	1,4-Dichlorobenzene	52		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	104%		
D121414ICVB	D121414ICVB	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	ORG	104-51-8	n-Butylbenzene	59		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	118%		
D121414ICVB	D121414ICVB	ORG	96-12-8	1,2-Dibromo-3-chloropropane	59		ug/L	5	1.59	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	118%		
D121414ICVB	D121414ICVB	ORG	87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	108%		
D121414ICVB	D121414ICVB	ORG	120-82-1	1,2,4-Trichlorobenzene	56		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	112%		
D121414ICVB	D121414ICVB	ORG	91-20-3	Naphthalene	61		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	122%		
D121414ICVB	D121414ICVB	ORG	87-61-6	1,2,3-Trichlorobenzene	56		ug/L	5	0.23	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	112%		
D121414ICVB	D121414ICVB	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		
D121414ICVB	D121414ICVB	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	100%		
D121414ICVB	D121414ICVB	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	98%		
D121414ICVB	D121414ICVB	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5556	50	102%		

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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
D121414MBKA	D121414MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				

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D121414MBKA	D121414MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557				
D121414MBKA	D121414MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557	50	98%		
D121414MBKA	D121414MBKA	STD	17060-07-0	1,2-Dichloroethane d4	53		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557	50	106%		
D121414MBKA	D121414MBKA	STD	2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557	50	104%		
D121414MBKA	D121414MBKA	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5557	50	106%		

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D121514ALCS	D121514ALCS	ORG	75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	108%		
D121514ALCS	D121514ALCS	ORG	74-87-3	Chloromethane	49		ug/L	5	0.43	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	75-01-4	Vinyl chloride	53		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	106%		
D121514ALCS	D121514ALCS	ORG	74-83-9	Bromomethane	71		ug/L	5	0.50	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	142%		
D121514ALCS	D121514ALCS	ORG	75-00-3	Chloroethane	59		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	118%		
D121514ALCS	D121514ALCS	ORG	75-69-4	Trichlorofluoromethane	200		ug/L	5	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	400%		
D121514ALCS	D121514ALCS	ORG	75-35-4	1,1-Dichloroethene	54		ug/L	1	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	108%		
D121514ALCS	D121514ALCS	ORG	75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	67-64-1	Acetone	74		ug/L	10	1.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	148%		
D121514ALCS	D121514ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	48		ug/L	1	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	96%		
D121514ALCS	D121514ALCS	ORG	1634-04-4	MTBE	50		ug/L	5	0.61	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	50		ug/L	1	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	67-66-3	Chloroform	48		ug/L	2	0.16	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	96%		
D121514ALCS	D121514ALCS	ORG	71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	78-93-3	2-Butanone	50		ug/L	1	0.81	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	106%		
D121514ALCS	D121514ALCS	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	104%		
D121514ALCS	D121514ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	106%		
D121514ALCS	D121514ALCS	ORG	108-88-3	Toluene	49		ug/L	1	0.21	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	108-10-1	4-Methyl-2-pentanone	63		ug/L	5	0.74	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	126%		
D121514ALCS	D121514ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	56		ug/L	1	0.31	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	112%		
D121514ALCS	D121514ALCS	ORG	127-18-4	Tetrachloroethene	49		ug/L	1	0.49	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	98%		
D121514ALCS	D121514ALCS	ORG	124-48-1	Dibromochloromethane	55		ug/L	5	0.30	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	110%		
D121514ALCS	D121514ALCS	ORG	106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	104%		
D121514ALCS	D121514ALCS	ORG	591-78-6	2-Hexanone	68		ug/L	2	0.69	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	136%		
D121514ALCS	D121514ALCS	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	110%		
D121514ALCS	D121514ALCS	ORG	108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	108%		
D121514ALCS	D121514ALCS	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	100	110%		
D121514ALCS	D121514ALCS	ORG	95-47-6	o-Xylene	58		ug/L	1	0.13	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	116%		
D121514ALCS	D121514ALCS	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	120%		
D121514ALCS	D121514ALCS	ORG	75-25-2	Bromoform	55		ug/L	2	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	110%		
D121514ALCS	D121514ALCS	ORG	98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	116%		
D121514ALCS	D121514ALCS	ORG	103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	114%		
D121514ALCS	D121514ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		

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.
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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
D121514ALCS	D121514ALCS	ORG	96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	104%		
D121514ALCS	D121514ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	112%		
D121514ALCS	D121514ALCS	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	116%		
D121514ALCS	D121514ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	112%		
D121514ALCS	D121514ALCS	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	114%		
D121514ALCS	D121514ALCS	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	99-87-6	p-Isopropltoluene	57		ug/L	2	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	114%		
D121514ALCS	D121514ALCS	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	ORG	95-50-1	1,2-Dichlorobenzene	51		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	114%		
D121514ALCS	D121514ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	106%		
D121514ALCS	D121514ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	51		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	ORG	91-20-3	Naphthalene	54		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	108%		
D121514ALCS	D121514ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	102%		
D121514ALCS	D121514ALCS	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	STD	2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	50	100%		
D121514ALCS	D121514ALCS	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5561	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
D121514ALCD	D121514ALCD	ORG	75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	104%	4%	
D121514ALCD	D121514ALCD	ORG	74-87-3	Chloromethane	47		ug/L	5	0.43	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	4%	
D121514ALCD	D121514ALCD	ORG	75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	104%	2%	
D121514ALCD	D121514ALCD	ORG	74-83-9	Bromomethane	70		ug/L	5	0.50	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	140%	1%	
D121514ALCD	D121514ALCD	ORG	75-00-3	Chloroethane	60		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	120%	2%	
D121514ALCD	D121514ALCD	ORG	75-69-4	Trichlorofluoromethane	170		ug/L	5	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	340%	16%	
D121514ALCD	D121514ALCD	ORG	75-35-4	1,1-Dichloroethene	47		ug/L	1	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	14%	
D121514ALCD	D121514ALCD	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	2%	
D121514ALCD	D121514ALCD	ORG	67-64-1	Acetone	80		ug/L	10	1.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	160%	8%	
D121514ALCD	D121514ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	92%	4%	
D121514ALCD	D121514ALCD	ORG	1634-04-4	MTBE	50		ug/L	5	0.61	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	0%	
D121514ALCD	D121514ALCD	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	4%	
D121514ALCD	D121514ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	96%	4%	
D121514ALCD	D121514ALCD	ORG	74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	98%	0%	
D121514ALCD	D121514ALCD	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	2%	
D121514ALCD	D121514ALCD	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	98%	4%	
D121514ALCD	D121514ALCD	ORG	78-93-3	2-Butanone	44		ug/L	1	0.81	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	88%	13%	
D121514ALCD	D121514ALCD	ORG	56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	4%	
D121514ALCD	D121514ALCD	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	4%	
D121514ALCD	D121514ALCD	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	98%	0%	
D121514ALCD	D121514ALCD	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	6%	
D121514ALCD	D121514ALCD	ORG	74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	0%	
D121514ALCD	D121514ALCD	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	96%	4%	
D121514ALCD	D121514ALCD	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	4%	
D121514ALCD	D121514ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	4%	
D121514ALCD	D121514ALCD	ORG	108-88-3	Toluene	47		ug/L	1	0.21	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	4%	
D121514ALCD	D121514ALCD	ORG	108-10-1	4-Methyl-2-pentanone	63		ug/L	5	0.74	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	126%	0%	
D121514ALCD	D121514ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	110%	2%	
D121514ALCD	D121514ALCD	ORG	127-18-4	Tetrachloroethene	48		ug/L	1	0.49	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	96%	2%	
D121514ALCD	D121514ALCD	ORG	79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	96%	2%	
D121514ALCD	D121514ALCD	ORG	124-48-1	Dibromochloromethane	54		ug/L	5	0.30	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	108%	2%	
D121514ALCD	D121514ALCD	ORG	106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	2%	
D121514ALCD	D121514ALCD	ORG	591-78-6	2-Hexanone	68		ug/L	2	0.69	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	136%	0%	
D121514ALCD	D121514ALCD	ORG	100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	108%	2%	
D121514ALCD	D121514ALCD	ORG	108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	0%	
D121514ALCD	D121514ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	108%	0%	
D121514ALCD	D121514ALCD	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	100	110%	0%	
D121514ALCD	D121514ALCD	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	114%	2%	
D121514ALCD	D121514ALCD	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	118%	2%	
D121514ALCD	D121514ALCD	ORG	75-25-2	Bromoform	56		ug/L	2	0.47	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	112%	2%	
D121514ALCD	D121514ALCD	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	114%	2%	
D121514ALCD	D121514ALCD	ORG	103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	110%	4%	
D121514ALCD	D121514ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	53		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	106%	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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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
D121514ALCD	D121514ALCD	ORG	96-18-4	1,2,3-Trichloropropane	53		ug/L	2	0.29	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	106%	2%	
D121514ALCD	D121514ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	108%	4%	
D121514ALCD	D121514ALCD	ORG	98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	112%	4%	
D121514ALCD	D121514ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	110%	2%	
D121514ALCD	D121514ALCD	ORG	135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	110%	4%	
D121514ALCD	D121514ALCD	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	2%	
D121514ALCD	D121514ALCD	ORG	99-87-6	p-Isopropltoluene	55		ug/L	2	0.25	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	110%	4%	
D121514ALCD	D121514ALCD	ORG	106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	98%	2%	
D121514ALCD	D121514ALCD	ORG	95-50-1	1,2-Dichlorobenzene	51		ug/L	2	0.26	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	0%	
D121514ALCD	D121514ALCD	ORG	104-51-8	n-Butylbenzene	53		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	106%	7%	
D121514ALCD	D121514ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	56		ug/L	5	1.59	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	112%	9%	
D121514ALCD	D121514ALCD	ORG	87-68-3	Hexachlorobutadiene	47		ug/L	5	0.65	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	94%	12%	
D121514ALCD	D121514ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	51		ug/L	5	0.28	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	0%	
D121514ALCD	D121514ALCD	ORG	91-20-3	Naphthalene	56		ug/L	5	0.56	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	112%	4%	
D121514ALCD	D121514ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	104%	2%	
D121514ALCD	D121514ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	102%	2%	
D121514ALCD	D121514ALCD	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	100%	0%	
D121514ALCD	D121514ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	50	98%	2%	
D121514ALCD	D121514ALCD	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/15/2014	12/15/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5562	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
NAL13026-1768MS	T1-087	ORG	75-71-8	Dichlorodifluoromethane	270		ug/L	25	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	74-87-3	Chloromethane	240		ug/L	25	2.15	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	75-01-4	Vinyl chloride	260		ug/L	10	1.59	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	104%		
NAL13026-1768MS	T1-087	ORG	74-83-9	Bromomethane	340		ug/L	25	2.50	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	136%		
NAL13026-1768MS	T1-087	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	75-69-4	Trichlorofluoromethane	740		ug/L	25	0.98	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	296%		
NAL13026-1768MS	T1-087	ORG	75-35-4	1,1-Dichloroethene	260		ug/L	5	2.36	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	104%		
NAL13026-1768MS	T1-087	ORG	75-09-2	Methylene chloride	250		ug/L	25	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	67-64-1	Acetone	480		ug/L	50	7.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	20%		430
NAL13026-1768MS	T1-087	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	92%		
NAL13026-1768MS	T1-087	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	92%		
NAL13026-1768MS	T1-087	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	78-93-3	2-Butanone	280		ug/L	5	4.06	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	112%		
NAL13026-1768MS	T1-087	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	104%		
NAL13026-1768MS	T1-087	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	79-01-6	Trichloroethene	230		ug/L	5	1.82	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	92%		
NAL13026-1768MS	T1-087	ORG	74-95-3	Dibromomethane	250		ug/L	10	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	78-87-5	1,2-Dichloropropane	240		ug/L	5	0.91	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	108-10-1	4-Methyl-2-pentanone	620		ug/L	25	3.70	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	112%		340
NAL13026-1768MS	T1-087	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	127-18-4	Tetrachloroethene	220		ug/L	5	2.43	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	88%		
NAL13026-1768MS	T1-087	ORG	79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	92%		
NAL13026-1768MS	T1-087	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	104%		
NAL13026-1768MS	T1-087	ORG	106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	591-78-6	2-Hexanone	250		ug/L	10	3.45	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	56%		110
NAL13026-1768MS	T1-087	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	104%		
NAL13026-1768MS	T1-087	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	500	110%		
NAL13026-1768MS	T1-087	ORG	95-47-6	o-Xylene	290		ug/L	5	0.64	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	116%		0.70
NAL13026-1768MS	T1-087	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	124%		
NAL13026-1768MS	T1-087	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	116%		
NAL13026-1768MS	T1-087	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	112%		
NAL13026-1768MS	T1-087	ORG	79-34-5	1,1,2,2-Tetrachloroethane	260		ug/L	10	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	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

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
NAL13026-1768MS	T1-087	ORG	96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	116%		
NAL13026-1768MS	T1-087	ORG	95-63-6	1,2,4-Trimethylbenzene	280		ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	111%		1.7
NAL13026-1768MS	T1-087	ORG	135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		
NAL13026-1768MS	T1-087	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	100%		
NAL13026-1768MS	T1-087	ORG	99-87-6	p-Isopropltoluene	280		ug/L	10	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	110%		5.9
NAL13026-1768MS	T1-087	ORG	106-46-7	1,4-Dichlorobenzene	240		ug/L	10	1.65	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	94%		4.5
NAL13026-1768MS	T1-087	ORG	95-50-1	1,2-Dichlorobenzene	240		ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	96%		
NAL13026-1768MS	T1-087	ORG	104-51-8	n-Butylbenzene	280		ug/L	25	1.39	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	111%		1.5
NAL13026-1768MS	T1-087	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	120%		
NAL13026-1768MS	T1-087	ORG	87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	72%		
NAL13026-1768MS	T1-087	ORG	120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	91%		2.5
NAL13026-1768MS	T1-087	ORG	91-20-3	Naphthalene	280		ug/L	25	2.80	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	108%		10
NAL13026-1768MS	T1-087	ORG	87-61-6	1,2,3-Trichlorobenzene	210		ug/L	25	1.16	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	250	83%		2.5
NAL13026-1768MS	T1-087	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	50	104%		
NAL13026-1768MS	T1-087	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	50	98%		
NAL13026-1768MS	T1-087	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	50	98%		
NAL13026-1768MS	T1-087	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5563	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
NAL13026-1768MSD	T1-087	ORG	75-71-8	Dichlorodifluoromethane	260		ug/L	25	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	104%	4%	
NAL13026-1768MSD	T1-087	ORG	74-87-3	Chloromethane	240		ug/L	25	2.15	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	75-01-4	Vinyl chloride	260		ug/L	10	1.59	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	104%	0%	
NAL13026-1768MSD	T1-087	ORG	74-83-9	Bromomethane	320		ug/L	25	2.50	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	128%	6%	
NAL13026-1768MSD	T1-087	ORG	75-00-3	Chloroethane	280		ug/L	25	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	112%	4%	
NAL13026-1768MSD	T1-087	ORG	75-69-4	Trichlorofluoromethane	600		ug/L	25	0.98	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	240%	21%	
NAL13026-1768MSD	T1-087	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	12%	
NAL13026-1768MSD	T1-087	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	4%	
NAL13026-1768MSD	T1-087	ORG	67-64-1	Acetone	450		ug/L	50	7.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	8%	6%	430
NAL13026-1768MSD	T1-087	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	0%	
NAL13026-1768MSD	T1-087	ORG	1634-04-4	MTBE	230		ug/L	25	3.06	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	4%	
NAL13026-1768MSD	T1-087	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	4%	
NAL13026-1768MSD	T1-087	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	4%	
NAL13026-1768MSD	T1-087	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	0%	
NAL13026-1768MSD	T1-087	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	0%	
NAL13026-1768MSD	T1-087	ORG	78-93-3	2-Butanone	260		ug/L	5	4.06	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	104%	7%	
NAL13026-1768MSD	T1-087	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	104%	0%	
NAL13026-1768MSD	T1-087	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	79-01-6	Trichloroethene	230		ug/L	5	1.82	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	0%	
NAL13026-1768MSD	T1-087	ORG	74-95-3	Dibromomethane	240		ug/L	10	1.61	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	4%	
NAL13026-1768MSD	T1-087	ORG	78-87-5	1,2-Dichloropropane	240		ug/L	5	0.91	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	0%	
NAL13026-1768MSD	T1-087	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	0%	
NAL13026-1768MSD	T1-087	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	96%	0%	
NAL13026-1768MSD	T1-087	ORG	108-10-1	4-Methyl-2-pentanone	610		ug/L	25	3.70	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	2%	340
NAL13026-1768MSD	T1-087	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	0%	
NAL13026-1768MSD	T1-087	ORG	127-18-4	Tetrachloroethene	220		ug/L	5	2.43	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	88%	0%	
NAL13026-1768MSD	T1-087	ORG	79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	92%	0%	
NAL13026-1768MSD	T1-087	ORG	124-48-1	Dibromochloromethane	250		ug/L	25	1.49	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	4%	
NAL13026-1768MSD	T1-087	ORG	106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	0%	
NAL13026-1768MSD	T1-087	ORG	591-78-6	2-Hexanone	230		ug/L	10	3.45	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	48%	8%	110
NAL13026-1768MSD	T1-087	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	0%	
NAL13026-1768MSD	T1-087	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	4%	
NAL13026-1768MSD	T1-087	ORG	630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	4%	
NAL13026-1768MSD	T1-087	ORG	XYLMP	p&m-Xylene	560		ug/L	10	1.31	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	500	112%	2%	
NAL13026-1768MSD	T1-087	ORG	95-47-6	o-Xylene	300		ug/L	5	0.64	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	120%	3%	0.70
NAL13026-1768MSD	T1-087	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	124%	0%	
NAL13026-1768MSD	T1-087	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	0%	
NAL13026-1768MSD	T1-087	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	116%	0%	
NAL13026-1768MSD	T1-087	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	112%	0%	
NAL13026-1768MSD	T1-087	ORG	79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	116%	11%	

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NAL13026-1768MSD	T1-087	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	0%	
NAL13026-1768MSD	T1-087	ORG	98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	116%	0%	
NAL13026-1768MSD	T1-087	ORG	95-63-6	1,2,4-Trimethylbenzene	280		ug/L	10	1.00	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	111%	0%	1.7
NAL13026-1768MSD	T1-087	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	112%	4%	
NAL13026-1768MSD	T1-087	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	0%	
NAL13026-1768MSD	T1-087	ORG	99-87-6	p-Isopropltoluene	290		ug/L	10	1.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	114%	4%	5.9
NAL13026-1768MSD	T1-087	ORG	106-46-7	1,4-Dichlorobenzene	250		ug/L	10	1.65	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	98%	4%	4.5
NAL13026-1768MSD	T1-087	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	100%	4%	
NAL13026-1768MSD	T1-087	ORG	104-51-8	n-Butylbenzene	280		ug/L	25	1.39	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	111%	0%	1.5
NAL13026-1768MSD	T1-087	ORG	96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	128%	6%	
NAL13026-1768MSD	T1-087	ORG	87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	72%	0%	
NAL13026-1768MSD	T1-087	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	95%	4%	2.5
NAL13026-1768MSD	T1-087	ORG	91-20-3	Naphthalene	280		ug/L	25	2.80	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	108%	0%	10
NAL13026-1768MSD	T1-087	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	250	87%	5%	2.5
NAL13026-1768MSD	T1-087	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	50	102%	2%	
NAL13026-1768MSD	T1-087	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	50	96%	2%	
NAL13026-1768MSD	T1-087	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	50	98%	0%	
NAL13026-1768MSD	T1-087	STD	460-00-4	Bromofluorobenzene	54		ug/L	1	0.10	12/15/2014	12/15/2014	12/15/2014	WG	5	NA	5.0	NA	SW8260B	NALD5564	50	108%	4%	

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NAL13026-1769	T1-088	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-35-4	1,1-Dichloroethene		UX-	ug/L	5	2.36	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	67-64-1	Acetone	43000	D	ug/L	5000	778.04	12/16/2014	12/16/2014	12/16/2014	WG	500	NA	5.0	NA	SW8260B	NALD5574				
NAL13026-1769	T1-088	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	78-93-3	2-Butanone	3600	DJ	ug/L	5000	405.90	12/16/2014	12/16/2014	12/16/2014	WG	500	NA	5.0	NA	SW8260B	NALD5574				
NAL13026-1769	T1-088	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	71-43-2	Benzene	3.8	J	ug/L	5	0.68	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	108-88-3	Toluene	1.5	J	ug/L	5	1.05	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	108-10-1	4-Methyl-2-pentanone	340		ug/L	25	3.70	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	591-78-6	2-Hexanone	160		ug/L	25	3.45	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	100-41-4	Ethylbenzene	3.0	J	ug/L	5	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	XYLMP	p&m-Xylene	7.6	J	ug/L	10	1.31	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	95-47-6	o-Xylene	6.7		ug/L	5	0.64	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	98-82-8	Isopropylbenzene	2.5	J	ug/L	10	1.02	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	103-65-1	n-Propylbenzene	2.9	J	ug/L	10	1.35	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				

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NAL13026-1769	T1-088	ORG	108-67-8	1,3,5-Trimethylbenzene	7.8	J	ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	95-63-6	1,2,4-Trimethylbenzene	46		ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	99-87-6	p-Isopropltoluene	200		ug/L	10	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	106-46-7	1,4-Dichlorobenzene	64		ug/L	10	1.65	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	95-50-1	1,2-Dichlorobenzene	1.4	J	ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	104-51-8	n-Butylbenzene	4.8	J	ug/L	25	1.39	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	120-82-1	1,2,4-Trichlorobenzene	2.9	J	ug/L	25	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	91-20-3	Naphthalene	180		ug/L	25	2.80	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	ORG	87-61-6	1,2,3-Trichlorobenzene	1.4	J	ug/L	25	1.16	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572				
NAL13026-1769	T1-088	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572	50	98%		
NAL13026-1769	T1-088	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572	50	98%		
NAL13026-1769	T1-088	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572	50	98%		
NAL13026-1769	T1-088	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5572	50	110%		

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D121614CCVA	D121614CCVA	ORG	75-71-8	Dichlorodifluoromethane	56		ug/L	5	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	112%		
D121614CCVA	D121614CCVA	ORG	74-87-3	Chloromethane	50		ug/L	5	0.43	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	ORG	75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	112%		
D121614CCVA	D121614CCVA	ORG	74-83-9	Bromomethane	92		ug/L	5	0.50	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	184%		
D121614CCVA	D121614CCVA	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	116%		
D121614CCVA	D121614CCVA	ORG	75-69-4	Trichlorofluoromethane	210		ug/L	5	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	420%		
D121614CCVA	D121614CCVA	ORG	75-35-4	1,1-Dichloroethene	29		ug/L	1	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	58%		
D121614CCVA	D121614CCVA	ORG	75-09-2	Methylene chloride	52		ug/L	5	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	104%		
D121614CCVA	D121614CCVA	ORG	67-64-1	Acetone	45		ug/L	10	1.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	90%		
D121614CCVA	D121614CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	94%		
D121614CCVA	D121614CCVA	ORG	1634-04-4	MTBE	48		ug/L	5	0.61	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	75-34-3	1,1-Dichloroethane	45		ug/L	1	0.53	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	90%		
D121614CCVA	D121614CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	74-97-5	Bromochloromethane	44		ug/L	10	0.41	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	88%		
D121614CCVA	D121614CCVA	ORG	67-66-3	Chloroform	46		ug/L	2	0.16	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	92%		
D121614CCVA	D121614CCVA	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	ORG	78-93-3	2-Butanone	48		ug/L	1	0.81	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	106%		
D121614CCVA	D121614CCVA	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	92%		
D121614CCVA	D121614CCVA	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	94%		
D121614CCVA	D121614CCVA	ORG	74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	104%		
D121614CCVA	D121614CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	106%		
D121614CCVA	D121614CCVA	ORG	108-88-3	Toluene	48		ug/L	1	0.21	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		
D121614CCVA	D121614CCVA	ORG	108-10-1	4-Methyl-2-pentanone	54		ug/L	5	0.74	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	108%		
D121614CCVA	D121614CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	110%		
D121614CCVA	D121614CCVA	ORG	127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	84%		
D121614CCVA	D121614CCVA	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	94%		
D121614CCVA	D121614CCVA	ORG	124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	106%		
D121614CCVA	D121614CCVA	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	ORG	591-78-6	2-Hexanone	52		ug/L	2	0.69	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	104%		
D121614CCVA	D121614CCVA	ORG	100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	108%		
D121614CCVA	D121614CCVA	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	106%		
D121614CCVA	D121614CCVA	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	100	110%		
D121614CCVA	D121614CCVA	ORG	95-47-6	o-Xylene	58		ug/L	1	0.13	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	116%		
D121614CCVA	D121614CCVA	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	118%		
D121614CCVA	D121614CCVA	ORG	75-25-2	Bromoform	54		ug/L	2	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	108%		
D121614CCVA	D121614CCVA	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	114%		
D121614CCVA	D121614CCVA	ORG	103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	114%		
D121614CCVA	D121614CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	ORG	96-18-4	1,2,3-Trichloropropane	48		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	96%		

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

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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
D121614CCVA	D121614CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	110%		
D121614CCVA	D121614CCVA	ORG	98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	118%		
D121614CCVA	D121614CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	112%		
D121614CCVA	D121614CCVA	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	114%		
D121614CCVA	D121614CCVA	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	102%		
D121614CCVA	D121614CCVA	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	116%		
D121614CCVA	D121614CCVA	ORG	106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	116%		
D121614CCVA	D121614CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	49		ug/L	5	1.59	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	ORG	87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	110%		
D121614CCVA	D121614CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	104%		
D121614CCVA	D121614CCVA	ORG	91-20-3	Naphthalene	50		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	100%		
D121614CCVA	D121614CCVA	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	94%		
D121614CCVA	D121614CCVA	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	50	98%		
D121614CCVA	D121614CCVA	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5566	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
D121614MBKA	D121614MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				

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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
D121614MBKA	D121614MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568				
D121614MBKA	D121614MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568	50	98%		
D121614MBKA	D121614MBKA	STD	17060-07-0	1,2-Dichloroethane d4	53		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568	50	106%		
D121614MBKA	D121614MBKA	STD	2037-26-5	Toluene d8	51		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568	50	102%		
D121614MBKA	D121614MBKA	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5568	50	104%		

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D121614ALCS	D121614ALCS	ORG	75-71-8	Dichlorodifluoromethane	52		ug/L	5	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	104%		
D121614ALCS	D121614ALCS	ORG	74-87-3	Chloromethane	45		ug/L	5	0.43	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	90%		
D121614ALCS	D121614ALCS	ORG	75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	102%		
D121614ALCS	D121614ALCS	ORG	74-83-9	Bromomethane	78		ug/L	5	0.50	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	156%		
D121614ALCS	D121614ALCS	ORG	75-00-3	Chloroethane	55		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	110%		
D121614ALCS	D121614ALCS	ORG	75-69-4	Trichlorofluoromethane	240		ug/L	5	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	480%		
D121614ALCS	D121614ALCS	ORG	75-35-4	1,1-Dichloroethene	50		ug/L	1	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	67-64-1	Acetone	59		ug/L	10	1.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	118%		
D121614ALCS	D121614ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	92%		
D121614ALCS	D121614ALCS	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	94%		
D121614ALCS	D121614ALCS	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	94%		
D121614ALCS	D121614ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	94%		
D121614ALCS	D121614ALCS	ORG	71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	78-93-3	2-Butanone	45		ug/L	1	0.81	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	90%		
D121614ALCS	D121614ALCS	ORG	56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	104%		
D121614ALCS	D121614ALCS	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	ORG	107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	94%		
D121614ALCS	D121614ALCS	ORG	79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	ORG	74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	98%		
D121614ALCS	D121614ALCS	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	104%		
D121614ALCS	D121614ALCS	ORG	108-88-3	Toluene	47		ug/L	1	0.21	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	94%		
D121614ALCS	D121614ALCS	ORG	108-10-1	4-Methyl-2-pentanone	56		ug/L	5	0.74	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	112%		
D121614ALCS	D121614ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	110%		
D121614ALCS	D121614ALCS	ORG	127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	86%		
D121614ALCS	D121614ALCS	ORG	79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	92%		
D121614ALCS	D121614ALCS	ORG	124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	104%		
D121614ALCS	D121614ALCS	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	591-78-6	2-Hexanone	60		ug/L	2	0.69	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	120%		
D121614ALCS	D121614ALCS	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	106%		
D121614ALCS	D121614ALCS	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	98%		
D121614ALCS	D121614ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	106%		
D121614ALCS	D121614ALCS	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	100	110%		
D121614ALCS	D121614ALCS	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	114%		
D121614ALCS	D121614ALCS	ORG	100-42-5	Styrene	58		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	116%		
D121614ALCS	D121614ALCS	ORG	75-25-2	Bromoform	54		ug/L	2	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	108%		
D121614ALCS	D121614ALCS	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	114%		
D121614ALCS	D121614ALCS	ORG	103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	112%		
D121614ALCS	D121614ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	98%		

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D121614ALCS	D121614ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	108%		
D121614ALCS	D121614ALCS	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	116%		
D121614ALCS	D121614ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	110%		
D121614ALCS	D121614ALCS	ORG	135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	112%		
D121614ALCS	D121614ALCS	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	99-87-6	p-Isopropltoluene	57		ug/L	2	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	114%		
D121614ALCS	D121614ALCS	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	100%		
D121614ALCS	D121614ALCS	ORG	104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	112%		
D121614ALCS	D121614ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	106%		
D121614ALCS	D121614ALCS	ORG	87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	108%		
D121614ALCS	D121614ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	53		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	106%		
D121614ALCS	D121614ALCS	ORG	91-20-3	Naphthalene	54		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	108%		
D121614ALCS	D121614ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	104%		
D121614ALCS	D121614ALCS	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	102%		
D121614ALCS	D121614ALCS	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	96%		
D121614ALCS	D121614ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	98%		
D121614ALCS	D121614ALCS	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5567	50	102%		

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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
D121614ALCD	D121614ALCD	ORG	75-71-8	Dichlorodifluoromethane	54		ug/L	5	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	108%	4%	
D121614ALCD	D121614ALCD	ORG	74-87-3	Chloromethane	48		ug/L	5	0.43	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	96%	6%	
D121614ALCD	D121614ALCD	ORG	75-01-4	Vinyl chloride	52		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	2%	
D121614ALCD	D121614ALCD	ORG	74-83-9	Bromomethane	62		ug/L	5	0.50	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	124%	23%	
D121614ALCD	D121614ALCD	ORG	75-00-3	Chloroethane	59		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	118%	7%	
D121614ALCD	D121614ALCD	ORG	75-69-4	Trichlorofluoromethane	130		ug/L	5	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	260%	59%	
D121614ALCD	D121614ALCD	ORG	75-35-4	1,1-Dichloroethene	48		ug/L	1	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	96%	4%	
D121614ALCD	D121614ALCD	ORG	75-09-2	Methylene chloride	52		ug/L	5	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	67-64-1	Acetone	70		ug/L	10	1.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	140%	17%	
D121614ALCD	D121614ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	94%	2%	
D121614ALCD	D121614ALCD	ORG	1634-04-4	MTBE	48		ug/L	5	0.61	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	96%	2%	
D121614ALCD	D121614ALCD	ORG	75-34-3	1,1-Dichloroethane	49		ug/L	1	0.53	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	4%	
D121614ALCD	D121614ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	49		ug/L	1	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	2%	
D121614ALCD	D121614ALCD	ORG	74-97-5	Bromochloromethane	50		ug/L	10	0.41	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	100%	4%	
D121614ALCD	D121614ALCD	ORG	67-66-3	Chloroform	49		ug/L	2	0.16	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	4%	
D121614ALCD	D121614ALCD	ORG	71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	102%	2%	
D121614ALCD	D121614ALCD	ORG	78-93-3	2-Butanone	46		ug/L	1	0.81	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	92%	2%	
D121614ALCD	D121614ALCD	ORG	56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	106%	2%	
D121614ALCD	D121614ALCD	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	2%	
D121614ALCD	D121614ALCD	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	4%	
D121614ALCD	D121614ALCD	ORG	79-01-6	Trichloroethene	49		ug/L	1	0.36	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	2%	
D121614ALCD	D121614ALCD	ORG	74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	102%	4%	
D121614ALCD	D121614ALCD	ORG	78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	100%	4%	
D121614ALCD	D121614ALCD	ORG	75-27-4	Bromodichloromethane	52		ug/L	2	0.12	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	53		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	106%	2%	
D121614ALCD	D121614ALCD	ORG	108-88-3	Toluene	49		ug/L	1	0.21	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	4%	
D121614ALCD	D121614ALCD	ORG	108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	118%	5%	
D121614ALCD	D121614ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	110%	0%	
D121614ALCD	D121614ALCD	ORG	127-18-4	Tetrachloroethene	52		ug/L	1	0.49	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	19%	
D121614ALCD	D121614ALCD	ORG	79-00-5	1,1,2-Trichloroethane	49		ug/L	1	0.34	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	6%	
D121614ALCD	D121614ALCD	ORG	124-48-1	Dibromochloromethane	55		ug/L	5	0.30	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	110%	6%	
D121614ALCD	D121614ALCD	ORG	106-93-4	1,2-Dibromoethane	52		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	591-78-6	2-Hexanone	65		ug/L	2	0.69	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	130%	8%	
D121614ALCD	D121614ALCD	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	110%	4%	
D121614ALCD	D121614ALCD	ORG	108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	102%	4%	
D121614ALCD	D121614ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	55		ug/L	2	0.19	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	110%	4%	
D121614ALCD	D121614ALCD	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	100	110%	0%	
D121614ALCD	D121614ALCD	ORG	95-47-6	o-Xylene	59		ug/L	1	0.13	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	118%	3%	
D121614ALCD	D121614ALCD	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	120%	3%	
D121614ALCD	D121614ALCD	ORG	75-25-2	Bromoform	56		ug/L	2	0.47	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	112%	4%	
D121614ALCD	D121614ALCD	ORG	98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	118%	3%	
D121614ALCD	D121614ALCD	ORG	103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	116%	4%	
D121614ALCD	D121614ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	96-18-4	1,2,3-Trichloropropane	52		ug/L	2	0.29	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	6%	

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D121614ALCD	D121614ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	112%	4%	
D121614ALCD	D121614ALCD	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	116%	0%	
D121614ALCD	D121614ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	57		ug/L	2	0.20	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	114%	4%	
D121614ALCD	D121614ALCD	ORG	135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	116%	4%	
D121614ALCD	D121614ALCD	ORG	541-73-1	1,3-Dichlorobenzene	52		ug/L	2	0.22	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	116%	2%	
D121614ALCD	D121614ALCD	ORG	106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	102%	2%	
D121614ALCD	D121614ALCD	ORG	95-50-1	1,2-Dichlorobenzene	52		ug/L	2	0.26	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	104%	4%	
D121614ALCD	D121614ALCD	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	116%	4%	
D121614ALCD	D121614ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	108%	2%	
D121614ALCD	D121614ALCD	ORG	87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	106%	2%	
D121614ALCD	D121614ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	108%	2%	
D121614ALCD	D121614ALCD	ORG	91-20-3	Naphthalene	56		ug/L	5	0.56	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	112%	4%	
D121614ALCD	D121614ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	54		ug/L	5	0.23	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	108%	4%	
D121614ALCD	D121614ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	102%	0%	
D121614ALCD	D121614ALCD	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	2%	
D121614ALCD	D121614ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	50	98%	0%	
D121614ALCD	D121614ALCD	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/16/2014	12/16/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5575	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
NAL13026-1769MS	T1-088	ORG	75-71-8	Dichlorodifluoromethane	260		ug/L	25	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	104%		
NAL13026-1769MS	T1-088	ORG	74-87-3	Chloromethane	240		ug/L	25	2.15	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	75-01-4	Vinyl chloride	260		ug/L	10	1.59	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	104%		
NAL13026-1769MS	T1-088	ORG	74-83-9	Bromomethane	310		ug/L	25	2.50	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	124%		
NAL13026-1769MS	T1-088	ORG	75-00-3	Chloroethane	290		ug/L	25	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	116%		
NAL13026-1769MS	T1-088	ORG	75-69-4	Trichlorofluoromethane	560		ug/L	25	0.98	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	224%		
NAL13026-1769MS	T1-088	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	92%		
NAL13026-1769MS	T1-088	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	67-64-1	Acetone	30000		ug/L	50	7.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	-5200%		43000
NAL13026-1769MS	T1-088	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	92%		
NAL13026-1769MS	T1-088	ORG	1634-04-4	MTBE	230		ug/L	25	3.06	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	92%		
NAL13026-1769MS	T1-088	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	92%		
NAL13026-1769MS	T1-088	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	92%		
NAL13026-1769MS	T1-088	ORG	71-55-6	1,1,1-Trichloroethane	240		ug/L	5	0.83	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	78-93-3	2-Butanone	4900		ug/L	5	4.06	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	520%		3600
NAL13026-1769MS	T1-088	ORG	56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	100%		
NAL13026-1769MS	T1-088	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	94%		3.8
NAL13026-1769MS	T1-088	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	74-95-3	Dibromomethane	250		ug/L	10	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	100%		
NAL13026-1769MS	T1-088	ORG	78-87-5	1,2-Dichloropropane	240		ug/L	5	0.91	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	75-27-4	Bromodichloromethane	240		ug/L	10	0.58	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	100%		
NAL13026-1769MS	T1-088	ORG	108-88-3	Toluene	230		ug/L	5	1.05	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	91%		1.5
NAL13026-1769MS	T1-088	ORG	108-10-1	4-Methyl-2-pentanone	660		ug/L	25	3.70	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	128%		340
NAL13026-1769MS	T1-088	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	108%		
NAL13026-1769MS	T1-088	ORG	127-18-4	Tetrachloroethene	220		ug/L	5	2.43	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	88%		
NAL13026-1769MS	T1-088	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	124-48-1	Dibromochloromethane	250		ug/L	25	1.49	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	100%		
NAL13026-1769MS	T1-088	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	104%		
NAL13026-1769MS	T1-088	ORG	591-78-6	2-Hexanone	300		ug/L	10	3.45	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	56%		160
NAL13026-1769MS	T1-088	ORG	100-41-4	Ethylbenzene	260		ug/L	5	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	103%		3.0
NAL13026-1769MS	T1-088	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	96%		
NAL13026-1769MS	T1-088	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	104%		
NAL13026-1769MS	T1-088	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	500	108%		7.6
NAL13026-1769MS	T1-088	ORG	95-47-6	o-Xylene	300		ug/L	5	0.64	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	117%		6.7
NAL13026-1769MS	T1-088	ORG	100-42-5	Styrene	300		ug/L	5	1.01	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	120%		
NAL13026-1769MS	T1-088	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	108%		
NAL13026-1769MS	T1-088	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	115%		2.5
NAL13026-1769MS	T1-088	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	111%		2.9
NAL13026-1769MS	T1-088	ORG	79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	116%		
NAL13026-1769MS	T1-088	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	104%		

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.
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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
NAL13026-1769MS	T1-088	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	109%		7.8
NAL13026-1769MS	T1-088	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	112%		
NAL13026-1769MS	T1-088	ORG	95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	114%		46
NAL13026-1769MS	T1-088	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	112%		
NAL13026-1769MS	T1-088	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	100%		
NAL13026-1769MS	T1-088	ORG	99-87-6	p-Isopropltoluene	520		ug/L	10	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	128%		200
NAL13026-1769MS	T1-088	ORG	106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	102%		64
NAL13026-1769MS	T1-088	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	99%		1.4
NAL13026-1769MS	T1-088	ORG	104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	114%		4.8
NAL13026-1769MS	T1-088	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	120%		
NAL13026-1769MS	T1-088	ORG	87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	72%		
NAL13026-1769MS	T1-088	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	95%		2.9
NAL13026-1769MS	T1-088	ORG	91-20-3	Naphthalene	470		ug/L	25	2.80	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	116%		180
NAL13026-1769MS	T1-088	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	250	87%		1.4
NAL13026-1769MS	T1-088	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	50	102%		
NAL13026-1769MS	T1-088	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	50	96%		
NAL13026-1769MS	T1-088	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	50	96%		
NAL13026-1769MS	T1-088	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5576	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
NAL13026-1769MSD	T1-088	ORG	75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	8%	
NAL13026-1769MSD	T1-088	ORG	74-87-3	Chloromethane	240		ug/L	25	2.15	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	0%	
NAL13026-1769MSD	T1-088	ORG	75-01-4	Vinyl chloride	260		ug/L	10	1.59	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	0%	
NAL13026-1769MSD	T1-088	ORG	74-83-9	Bromomethane	310		ug/L	25	2.50	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	124%	0%	
NAL13026-1769MSD	T1-088	ORG	75-00-3	Chloroethane	290		ug/L	25	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	116%	0%	
NAL13026-1769MSD	T1-088	ORG	75-69-4	Trichlorofluoromethane	700		ug/L	25	0.98	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	280%	22%	
NAL13026-1769MSD	T1-088	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	92%	0%	
NAL13026-1769MSD	T1-088	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	0%	
NAL13026-1769MSD	T1-088	ORG	67-64-1	Acetone	30000		ug/L	50	7.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	-5200%	0%	43000
NAL13026-1769MSD	T1-088	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	92%	0%	
NAL13026-1769MSD	T1-088	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	4%	
NAL13026-1769MSD	T1-088	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	4%	
NAL13026-1769MSD	T1-088	ORG	156-59-2	cis-1,2-Dichloroethene	250		ug/L	5	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	4%	
NAL13026-1769MSD	T1-088	ORG	74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	92%	4%	
NAL13026-1769MSD	T1-088	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	92%	0%	
NAL13026-1769MSD	T1-088	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	4%	
NAL13026-1769MSD	T1-088	ORG	78-93-3	2-Butanone	4800		ug/L	5	4.06	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	480%	2%	3600
NAL13026-1769MSD	T1-088	ORG	56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	0%	
NAL13026-1769MSD	T1-088	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	94%	0%	3.8
NAL13026-1769MSD	T1-088	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	0%	
NAL13026-1769MSD	T1-088	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	0%	
NAL13026-1769MSD	T1-088	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	4%	
NAL13026-1769MSD	T1-088	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	4%	
NAL13026-1769MSD	T1-088	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	4%	
NAL13026-1769MSD	T1-088	ORG	10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	4%	
NAL13026-1769MSD	T1-088	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	95%	4%	1.5
NAL13026-1769MSD	T1-088	ORG	108-10-1	4-Methyl-2-pentanone	640		ug/L	25	3.70	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	120%	3%	340
NAL13026-1769MSD	T1-088	ORG	10061-02-6	trans-1,3-Dichloropropene	280		ug/L	5	1.56	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	112%	4%	
NAL13026-1769MSD	T1-088	ORG	127-18-4	Tetrachloroethene	210		ug/L	5	2.43	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	84%	5%	
NAL13026-1769MSD	T1-088	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	96%	0%	
NAL13026-1769MSD	T1-088	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	4%	
NAL13026-1769MSD	T1-088	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	0%	
NAL13026-1769MSD	T1-088	ORG	591-78-6	2-Hexanone	330		ug/L	10	3.45	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	68%	10%	160
NAL13026-1769MSD	T1-088	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	107%	4%	3.0
NAL13026-1769MSD	T1-088	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	4%	
NAL13026-1769MSD	T1-088	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	0%	
NAL13026-1769MSD	T1-088	ORG	XYLMP	p&m-Xylene	560		ug/L	10	1.31	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	500	110%	2%	7.6
NAL13026-1769MSD	T1-088	ORG	95-47-6	o-Xylene	300		ug/L	5	0.64	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	117%	0%	6.7
NAL13026-1769MSD	T1-088	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	124%	3%	
NAL13026-1769MSD	T1-088	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	108%	0%	
NAL13026-1769MSD	T1-088	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	115%	0%	2.5
NAL13026-1769MSD	T1-088	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	115%	4%	2.9
NAL13026-1769MSD	T1-088	ORG	79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	116%	0%	
NAL13026-1769MSD	T1-088	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	104%	0%	

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

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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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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
NAL13026-1769MSD	T1-088	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	109%	0%	7.8
NAL13026-1769MSD	T1-088	ORG	98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	116%	4%	
NAL13026-1769MSD	T1-088	ORG	95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	114%	0%	46
NAL13026-1769MSD	T1-088	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	112%	0%	
NAL13026-1769MSD	T1-088	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	100%	0%	
NAL13026-1769MSD	T1-088	ORG	99-87-6	p-Isopropltoluene	510		ug/L	10	1.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	124%	2%	200
NAL13026-1769MSD	T1-088	ORG	106-46-7	1,4-Dichlorobenzene	320		ug/L	10	1.65	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	102%	0%	64
NAL13026-1769MSD	T1-088	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	99%	0%	1.4
NAL13026-1769MSD	T1-088	ORG	104-51-8	n-Butylbenzene	280		ug/L	25	1.39	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	110%	4%	4.8
NAL13026-1769MSD	T1-088	ORG	96-12-8	1,2-Dibromo-3-chloropropane	320		ug/L	25	7.96	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	128%	6%	
NAL13026-1769MSD	T1-088	ORG	87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	72%	0%	
NAL13026-1769MSD	T1-088	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	95%	0%	2.9
NAL13026-1769MSD	T1-088	ORG	91-20-3	Naphthalene	460		ug/L	25	2.80	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	112%	2%	180
NAL13026-1769MSD	T1-088	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	250	87%	0%	1.4
NAL13026-1769MSD	T1-088	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	50	102%	0%	
NAL13026-1769MSD	T1-088	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	50	98%	2%	
NAL13026-1769MSD	T1-088	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	50	98%	2%	
NAL13026-1769MSD	T1-088	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	12/16/2014	12/16/2014	12/16/2014	WG	5	NA	5.0	NA	SW8260B	NALD5577	50	106%	2%	

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NAL13026-1770	T1-089	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	67-64-1	Acetone	52000	D	ug/L	5000	778.04	12/17/2014	12/17/2014	12/17/2014	WG	500	NA	5.0	NA	SW8260B	NALD5584				
NAL13026-1770	T1-089	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	78-93-3	2-Butanone	4500	DJ	ug/L	5000	405.90	12/17/2014	12/17/2014	12/17/2014	WG	500	NA	5.0	NA	SW8260B	NALD5584				
NAL13026-1770	T1-089	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	71-43-2	Benzene	1.8	J	ug/L	5	0.68	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	108-88-3	Toluene	1.5	J	ug/L	5	1.05	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	108-10-1	4-Methyl-2-pentanone	430		ug/L	25	3.70	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	591-78-6	2-Hexanone	180		ug/L	25	3.45	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	100-41-4	Ethylbenzene	2.8	J	ug/L	5	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	XYLMP	p&m-Xylene	6.5	J	ug/L	10	1.31	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	95-47-6	o-Xylene	6.4		ug/L	5	0.64	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	98-82-8	Isopropylbenzene	2.2	J	ug/L	10	1.02	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	103-65-1	n-Propylbenzene	2.3	J	ug/L	10	1.35	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				

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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
NAL13026-1770	T1-089	ORG	108-67-8	1,3,5-Trimethylbenzene	6.5	J	ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	98-06-6	tert-Butylbenzene		UX+	ug/L	10	1.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	95-63-6	1,2,4-Trimethylbenzene	40		ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	99-87-6	p-Isopropltoluene	160		ug/L	10	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	106-46-7	1,4-Dichlorobenzene	63		ug/L	10	1.65	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	95-50-1	1,2-Dichlorobenzene	1.3	J	ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	104-51-8	n-Butylbenzene	3.6	J	ug/L	25	1.39	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	120-82-1	1,2,4-Trichlorobenzene	3.3	J	ug/L	25	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	91-20-3	Naphthalene	200		ug/L	25	2.80	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	ORG	87-61-6	1,2,3-Trichlorobenzene	1.5	J	ug/L	25	1.16	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582				
NAL13026-1770	T1-089	STD	1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582	50	96%		
NAL13026-1770	T1-089	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582	50	98%		
NAL13026-1770	T1-089	STD	2037-26-5	Toluene d8	50		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582	50	100%		
NAL13026-1770	T1-089	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5582	50	110%		

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D121714CCVA	D121714CCVA	ORG	75-71-8	Dichlorodifluoromethane	55		ug/L	5	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	110%		
D121714CCVA	D121714CCVA	ORG	74-87-3	Chloromethane	44		ug/L	5	0.43	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	88%		
D121714CCVA	D121714CCVA	ORG	75-01-4	Vinyl chloride	56		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	112%		
D121714CCVA	D121714CCVA	ORG	74-83-9	Bromomethane	86		ug/L	5	0.50	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	172%		
D121714CCVA	D121714CCVA	ORG	75-00-3	Chloroethane	59		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	118%		
D121714CCVA	D121714CCVA	ORG	75-69-4	Trichlorofluoromethane	490		ug/L	5	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	980%		
D121714CCVA	D121714CCVA	ORG	75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	92%		
D121714CCVA	D121714CCVA	ORG	75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	98%		
D121714CCVA	D121714CCVA	ORG	67-64-1	Acetone	50		ug/L	10	1.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	100%		
D121714CCVA	D121714CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	ORG	1634-04-4	MTBE	46		ug/L	5	0.61	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	92%		
D121714CCVA	D121714CCVA	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	74-97-5	Bromochloromethane	46		ug/L	10	0.41	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	92%		
D121714CCVA	D121714CCVA	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	98%		
D121714CCVA	D121714CCVA	ORG	78-93-3	2-Butanone	44		ug/L	1	0.81	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	88%		
D121714CCVA	D121714CCVA	ORG	56-23-5	Carbon tetrachloride	53		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	106%		
D121714CCVA	D121714CCVA	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	92%		
D121714CCVA	D121714CCVA	ORG	79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	74-95-3	Dibromomethane	47		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	100%		
D121714CCVA	D121714CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	104%		
D121714CCVA	D121714CCVA	ORG	108-88-3	Toluene	48		ug/L	1	0.21	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	108-10-1	4-Methyl-2-pentanone	51		ug/L	5	0.74	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	102%		
D121714CCVA	D121714CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	110%		
D121714CCVA	D121714CCVA	ORG	127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	84%		
D121714CCVA	D121714CCVA	ORG	79-00-5	1,1,2-Trichloroethane	45		ug/L	1	0.34	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	90%		
D121714CCVA	D121714CCVA	ORG	124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	104%		
D121714CCVA	D121714CCVA	ORG	106-93-4	1,2-Dibromoethane	48		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	ORG	591-78-6	2-Hexanone	53		ug/L	2	0.69	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	106%		
D121714CCVA	D121714CCVA	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	110%		
D121714CCVA	D121714CCVA	ORG	108-90-7	Chlorobenzene	51		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	102%		
D121714CCVA	D121714CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	108%		
D121714CCVA	D121714CCVA	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	100	110%		
D121714CCVA	D121714CCVA	ORG	95-47-6	o-Xylene	59		ug/L	1	0.13	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	118%		
D121714CCVA	D121714CCVA	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	120%		
D121714CCVA	D121714CCVA	ORG	75-25-2	Bromoform	52		ug/L	2	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	104%		
D121714CCVA	D121714CCVA	ORG	98-82-8	Isopropylbenzene	59		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	118%		
D121714CCVA	D121714CCVA	ORG	103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	116%		
D121714CCVA	D121714CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	46		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	92%		
D121714CCVA	D121714CCVA	ORG	96-18-4	1,2,3-Trichloropropane	45		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	90%		

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D121714CCVA	D121714CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	112%		
D121714CCVA	D121714CCVA	ORG	98-06-6	tert-Butylbenzene	61		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	122%		
D121714CCVA	D121714CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	57		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	114%		
D121714CCVA	D121714CCVA	ORG	135-98-8	sec-Butylbenzene	59		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	118%		
D121714CCVA	D121714CCVA	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	102%		
D121714CCVA	D121714CCVA	ORG	99-87-6	p-Isopropltoluene	59		ug/L	2	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	118%		
D121714CCVA	D121714CCVA	ORG	106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	98%		
D121714CCVA	D121714CCVA	ORG	95-50-1	1,2-Dichlorobenzene	49		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	98%		
D121714CCVA	D121714CCVA	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	116%		
D121714CCVA	D121714CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	44		ug/L	5	1.59	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	88%		
D121714CCVA	D121714CCVA	ORG	87-68-3	Hexachlorobutadiene	55		ug/L	5	0.65	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	110%		
D121714CCVA	D121714CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	51		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	102%		
D121714CCVA	D121714CCVA	ORG	91-20-3	Naphthalene	47		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	48		ug/L	5	0.23	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	96%		
D121714CCVA	D121714CCVA	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	100%		
D121714CCVA	D121714CCVA	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	94%		
D121714CCVA	D121714CCVA	STD	2037-26-5	Toluene d8	50		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	100%		
D121714CCVA	D121714CCVA	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5579	50	104%		

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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
D121714MBKA	D121714MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	67-64-1	Acetone		U	ug/L	10	1.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				

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D121714MBKA	D121714MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581				
D121714MBKA	D121714MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581	50	98%		
D121714MBKA	D121714MBKA	STD	17060-07-0	1,2-Dichloroethane d4	53		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581	50	106%		
D121714MBKA	D121714MBKA	STD	2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581	50	104%		
D121714MBKA	D121714MBKA	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5581	50	102%		

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D121714ALCS	D121714ALCS	ORG	75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	74-87-3	Chloromethane	44		ug/L	5	0.43	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	88%		
D121714ALCS	D121714ALCS	ORG	75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	74-83-9	Bromomethane	69		ug/L	5	0.50	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	138%		
D121714ALCS	D121714ALCS	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	116%		
D121714ALCS	D121714ALCS	ORG	75-69-4	Trichlorofluoromethane	160		ug/L	5	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	320%		
D121714ALCS	D121714ALCS	ORG	75-35-4	1,1-Dichloroethene	43		ug/L	1	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	86%		
D121714ALCS	D121714ALCS	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	67-64-1	Acetone	74		ug/L	10	1.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	148%		
D121714ALCS	D121714ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	92%		
D121714ALCS	D121714ALCS	ORG	1634-04-4	MTBE	49		ug/L	5	0.61	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	49		ug/L	1	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	94%		
D121714ALCS	D121714ALCS	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	78-93-3	2-Butanone	47		ug/L	1	0.81	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	94%		
D121714ALCS	D121714ALCS	ORG	56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	104%		
D121714ALCS	D121714ALCS	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	74-95-3	Dibromomethane	51		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	102%		
D121714ALCS	D121714ALCS	ORG	78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	75-27-4	Bromodichloromethane	51		ug/L	2	0.12	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	102%		
D121714ALCS	D121714ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	104%		
D121714ALCS	D121714ALCS	ORG	108-88-3	Toluene	48		ug/L	1	0.21	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	108-10-1	4-Methyl-2-pentanone	62		ug/L	5	0.74	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	124%		
D121714ALCS	D121714ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	57		ug/L	1	0.31	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	86%		
D121714ALCS	D121714ALCS	ORG	79-00-5	1,1,2-Trichloroethane	48		ug/L	1	0.34	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	ORG	124-48-1	Dibromochloromethane	55		ug/L	5	0.30	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	110%		
D121714ALCS	D121714ALCS	ORG	106-93-4	1,2-Dibromoethane	53		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	106%		
D121714ALCS	D121714ALCS	ORG	591-78-6	2-Hexanone	70		ug/L	2	0.69	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	140%		
D121714ALCS	D121714ALCS	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	106%		
D121714ALCS	D121714ALCS	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	106%		
D121714ALCS	D121714ALCS	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	100	110%		
D121714ALCS	D121714ALCS	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	118%		
D121714ALCS	D121714ALCS	ORG	75-25-2	Bromoform	57		ug/L	2	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	112%		
D121714ALCS	D121714ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	52		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	104%		
D121714ALCS	D121714ALCS	ORG	96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	102%		

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

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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
D121714ALCS	D121714ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	110%		
D121714ALCS	D121714ALCS	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	116%		
D121714ALCS	D121714ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	112%		
D121714ALCS	D121714ALCS	ORG	135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	112%		
D121714ALCS	D121714ALCS	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	99-87-6	p-Isopropltoluene	57		ug/L	2	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	ORG	104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	57		ug/L	5	1.59	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	108%		
D121714ALCS	D121714ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	108%		
D121714ALCS	D121714ALCS	ORG	91-20-3	Naphthalene	57		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	114%		
D121714ALCS	D121714ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	106%		
D121714ALCS	D121714ALCS	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	100%		
D121714ALCS	D121714ALCS	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	96%		
D121714ALCS	D121714ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	50	98%		
D121714ALCS	D121714ALCS	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5580	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
D121714ALCD	D121714ALCD	ORG	75-71-8	Dichlorodifluoromethane	51		ug/L	5	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	2%	
D121714ALCD	D121714ALCD	ORG	74-87-3	Chloromethane	45		ug/L	5	0.43	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	90%	2%	
D121714ALCD	D121714ALCD	ORG	75-01-4	Vinyl chloride	50		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	0%	
D121714ALCD	D121714ALCD	ORG	74-83-9	Bromomethane	58		ug/L	5	0.50	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	116%	17%	
D121714ALCD	D121714ALCD	ORG	75-00-3	Chloroethane	61		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	122%	5%	
D121714ALCD	D121714ALCD	ORG	75-69-4	Trichlorofluoromethane	95		ug/L	5	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	190%	51%	
D121714ALCD	D121714ALCD	ORG	75-35-4	1,1-Dichloroethene	44		ug/L	1	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	88%	2%	
D121714ALCD	D121714ALCD	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	0%	
D121714ALCD	D121714ALCD	ORG	67-64-1	Acetone	73		ug/L	10	1.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	146%	1%	
D121714ALCD	D121714ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	92%	0%	
D121714ALCD	D121714ALCD	ORG	1634-04-4	MTBE	46		ug/L	5	0.61	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	92%	6%	
D121714ALCD	D121714ALCD	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	2%	
D121714ALCD	D121714ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	96%	2%	
D121714ALCD	D121714ALCD	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	96%	2%	
D121714ALCD	D121714ALCD	ORG	67-66-3	Chloroform	46		ug/L	2	0.16	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	92%	2%	
D121714ALCD	D121714ALCD	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	98%	0%	
D121714ALCD	D121714ALCD	ORG	78-93-3	2-Butanone	43		ug/L	1	0.81	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	86%	9%	
D121714ALCD	D121714ALCD	ORG	56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	2%	
D121714ALCD	D121714ALCD	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	2%	
D121714ALCD	D121714ALCD	ORG	107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	96%	0%	
D121714ALCD	D121714ALCD	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	2%	
D121714ALCD	D121714ALCD	ORG	74-95-3	Dibromomethane	50		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	2%	
D121714ALCD	D121714ALCD	ORG	78-87-5	1,2-Dichloropropane	47		ug/L	1	0.18	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	4%	
D121714ALCD	D121714ALCD	ORG	75-27-4	Bromodichloromethane	49		ug/L	2	0.12	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	98%	4%	
D121714ALCD	D121714ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	2%	
D121714ALCD	D121714ALCD	ORG	108-88-3	Toluene	47		ug/L	1	0.21	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	2%	
D121714ALCD	D121714ALCD	ORG	108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	118%	5%	
D121714ALCD	D121714ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	4%	
D121714ALCD	D121714ALCD	ORG	127-18-4	Tetrachloroethene	46		ug/L	1	0.49	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	92%	7%	
D121714ALCD	D121714ALCD	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	94%	2%	
D121714ALCD	D121714ALCD	ORG	124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	106%	4%	
D121714ALCD	D121714ALCD	ORG	106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	4%	
D121714ALCD	D121714ALCD	ORG	591-78-6	2-Hexanone	67		ug/L	2	0.69	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	134%	4%	
D121714ALCD	D121714ALCD	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	106%	0%	
D121714ALCD	D121714ALCD	ORG	108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	96%	2%	
D121714ALCD	D121714ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	104%	2%	
D121714ALCD	D121714ALCD	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	100	110%	0%	
D121714ALCD	D121714ALCD	ORG	95-47-6	o-Xylene	56		ug/L	1	0.13	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	112%	2%	
D121714ALCD	D121714ALCD	ORG	100-42-5	Styrene	58		ug/L	1	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	116%	2%	
D121714ALCD	D121714ALCD	ORG	75-25-2	Bromoform	54		ug/L	2	0.47	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	108%	5%	
D121714ALCD	D121714ALCD	ORG	98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	112%	2%	
D121714ALCD	D121714ALCD	ORG	103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	2%	
D121714ALCD	D121714ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	2%	
D121714ALCD	D121714ALCD	ORG	96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	0%	

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

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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
D121714ALCD	D121714ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	108%	2%	
D121714ALCD	D121714ALCD	ORG	98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	112%	4%	
D121714ALCD	D121714ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	2%	
D121714ALCD	D121714ALCD	ORG	135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	2%	
D121714ALCD	D121714ALCD	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	0%	
D121714ALCD	D121714ALCD	ORG	99-87-6	p-Isopropltoluene	56		ug/L	2	0.25	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	112%	2%	
D121714ALCD	D121714ALCD	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	0%	
D121714ALCD	D121714ALCD	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	100%	0%	
D121714ALCD	D121714ALCD	ORG	104-51-8	n-Butylbenzene	55		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	4%	
D121714ALCD	D121714ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	54		ug/L	5	1.59	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	108%	5%	
D121714ALCD	D121714ALCD	ORG	87-68-3	Hexachlorobutadiene	51		ug/L	5	0.65	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	6%	
D121714ALCD	D121714ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	104%	4%	
D121714ALCD	D121714ALCD	ORG	91-20-3	Naphthalene	55		ug/L	5	0.56	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	110%	4%	
D121714ALCD	D121714ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	104%	2%	
D121714ALCD	D121714ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	102%	2%	
D121714ALCD	D121714ALCD	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	98%	2%	
D121714ALCD	D121714ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	50	98%	0%	
D121714ALCD	D121714ALCD	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/17/2014	12/17/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5585	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
NAL13026-1770MS	T1-089	ORG	75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	74-87-3	Chloromethane	220		ug/L	25	2.15	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	88%		
NAL13026-1770MS	T1-089	ORG	75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	74-83-9	Bromomethane	350		ug/L	25	2.50	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	140%		
NAL13026-1770MS	T1-089	ORG	75-00-3	Chloroethane	290		ug/L	25	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	116%		
NAL13026-1770MS	T1-089	ORG	75-69-4	Trichlorofluoromethane	560		ug/L	25	0.98	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	224%		
NAL13026-1770MS	T1-089	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	75-09-2	Methylene chloride	250		ug/L	25	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	67-64-1	Acetone	38000		ug/L	50	7.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	-5600%		52000
NAL13026-1770MS	T1-089	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	1634-04-4	MTBE	230		ug/L	25	3.06	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	71-55-6	1,1,1-Trichloroethane	240		ug/L	5	0.83	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	78-93-3	2-Butanone	5700		ug/L	5	4.06	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	480%		4500
NAL13026-1770MS	T1-089	ORG	56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	95%		1.8
NAL13026-1770MS	T1-089	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	79-01-6	Trichloroethene	230		ug/L	5	1.82	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	92%		
NAL13026-1770MS	T1-089	ORG	74-95-3	Dibromomethane	250		ug/L	10	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	95%		1.5
NAL13026-1770MS	T1-089	ORG	108-10-1	4-Methyl-2-pentanone	760		ug/L	25	3.70	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	132%		430
NAL13026-1770MS	T1-089	ORG	10061-02-6	trans-1,3-Dichloropropene	280		ug/L	5	1.56	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	112%		
NAL13026-1770MS	T1-089	ORG	127-18-4	Tetrachloroethene	210		ug/L	5	2.43	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	84%		
NAL13026-1770MS	T1-089	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	104%		
NAL13026-1770MS	T1-089	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	104%		
NAL13026-1770MS	T1-089	ORG	591-78-6	2-Hexanone	340		ug/L	10	3.45	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	64%		180
NAL13026-1770MS	T1-089	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	107%		2.8
NAL13026-1770MS	T1-089	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	96%		
NAL13026-1770MS	T1-089	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	104%		
NAL13026-1770MS	T1-089	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	500	109%		6.5
NAL13026-1770MS	T1-089	ORG	95-47-6	o-Xylene	290		ug/L	5	0.64	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	113%		6.4
NAL13026-1770MS	T1-089	ORG	100-42-5	Styrene	300		ug/L	5	1.01	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	120%		
NAL13026-1770MS	T1-089	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	108%		
NAL13026-1770MS	T1-089	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	115%		2.2
NAL13026-1770MS	T1-089	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	111%		2.3
NAL13026-1770MS	T1-089	ORG	79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	120%		
NAL13026-1770MS	T1-089	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	104%		

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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
NAL13026-1770MS	T1-089	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	109%		6.5
NAL13026-1770MS	T1-089	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	112%		
NAL13026-1770MS	T1-089	ORG	95-63-6	1,2,4-Trimethylbenzene	310		ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	108%		40
NAL13026-1770MS	T1-089	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	112%		
NAL13026-1770MS	T1-089	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	100%		
NAL13026-1770MS	T1-089	ORG	99-87-6	p-Isopropltoluene	430		ug/L	10	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	108%		160
NAL13026-1770MS	T1-089	ORG	106-46-7	1,4-Dichlorobenzene	310		ug/L	10	1.65	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	99%		63
NAL13026-1770MS	T1-089	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	99%		1.3
NAL13026-1770MS	T1-089	ORG	104-51-8	n-Butylbenzene	270		ug/L	25	1.39	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	107%		3.6
NAL13026-1770MS	T1-089	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	120%		
NAL13026-1770MS	T1-089	ORG	87-68-3	Hexachlorobutadiene	180		ug/L	25	3.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	72%		
NAL13026-1770MS	T1-089	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	95%		3.3
NAL13026-1770MS	T1-089	ORG	91-20-3	Naphthalene	480		ug/L	25	2.80	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	112%		200
NAL13026-1770MS	T1-089	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	250	87%		1.5
NAL13026-1770MS	T1-089	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	50	102%		
NAL13026-1770MS	T1-089	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	50	98%		
NAL13026-1770MS	T1-089	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	50	98%		
NAL13026-1770MS	T1-089	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5586	50	104%		

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NAL13026-1770MSD	T1-089	ORG	75-71-8	Dichlorodifluoromethane	240		ug/L	25	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	74-87-3	Chloromethane	230		ug/L	25	2.15	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	4%	
NAL13026-1770MSD	T1-089	ORG	75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	0%	
NAL13026-1770MSD	T1-089	ORG	74-83-9	Bromomethane	310		ug/L	25	2.50	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	124%	12%	
NAL13026-1770MSD	T1-089	ORG	75-00-3	Chloroethane	280		ug/L	25	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	112%	4%	
NAL13026-1770MSD	T1-089	ORG	75-69-4	Trichlorofluoromethane	690		ug/L	25	0.98	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	276%	21%	
NAL13026-1770MSD	T1-089	ORG	75-35-4	1,1-Dichloroethene	220		ug/L	5	2.36	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	88%	4%	
NAL13026-1770MSD	T1-089	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	67-64-1	Acetone	37000		ug/L	50	7.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	-6000%	3%	52000
NAL13026-1770MSD	T1-089	ORG	156-60-5	trans-1,2-Dichloroethene	220		ug/L	5	2.78	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	88%	4%	
NAL13026-1770MSD	T1-089	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	0%	
NAL13026-1770MSD	T1-089	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	0%	
NAL13026-1770MSD	T1-089	ORG	74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	4%	
NAL13026-1770MSD	T1-089	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	0%	
NAL13026-1770MSD	T1-089	ORG	71-55-6	1,1,1-Trichloroethane	240		ug/L	5	0.83	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	0%	
NAL13026-1770MSD	T1-089	ORG	78-93-3	2-Butanone	5500		ug/L	5	4.06	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	400%	4%	4500
NAL13026-1770MSD	T1-089	ORG	56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	0%	
NAL13026-1770MSD	T1-089	ORG	71-43-2	Benzene	230		ug/L	5	0.68	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	91%	4%	1.8
NAL13026-1770MSD	T1-089	ORG	107-06-2	1,2-Dichloroethane	230		ug/L	5	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	4%	
NAL13026-1770MSD	T1-089	ORG	79-01-6	Trichloroethene	230		ug/L	5	1.82	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	0%	
NAL13026-1770MSD	T1-089	ORG	74-95-3	Dibromomethane	250		ug/L	10	1.61	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	0%	
NAL13026-1770MSD	T1-089	ORG	78-87-5	1,2-Dichloropropane	240		ug/L	5	0.91	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	75-27-4	Bromodichloromethane	240		ug/L	10	0.58	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	0%	
NAL13026-1770MSD	T1-089	ORG	108-88-3	Toluene	230		ug/L	5	1.05	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	91%	4%	1.5
NAL13026-1770MSD	T1-089	ORG	108-10-1	4-Methyl-2-pentanone	750		ug/L	25	3.70	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	128%	1%	430
NAL13026-1770MSD	T1-089	ORG	10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	104%	7%	
NAL13026-1770MSD	T1-089	ORG	127-18-4	Tetrachloroethene	210		ug/L	5	2.43	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	84%	0%	
NAL13026-1770MSD	T1-089	ORG	79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	92%	4%	
NAL13026-1770MSD	T1-089	ORG	124-48-1	Dibromochloromethane	250		ug/L	25	1.49	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	4%	
NAL13026-1770MSD	T1-089	ORG	106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	4%	
NAL13026-1770MSD	T1-089	ORG	591-78-6	2-Hexanone	320		ug/L	10	3.45	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	56%	6%	180
NAL13026-1770MSD	T1-089	ORG	100-41-4	Ethylbenzene	260		ug/L	5	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	103%	4%	2.8
NAL13026-1770MSD	T1-089	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	0%	
NAL13026-1770MSD	T1-089	ORG	630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	4%	
NAL13026-1770MSD	T1-089	ORG	XYLMP	p&m-Xylene	540		ug/L	10	1.31	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	500	107%	2%	6.5
NAL13026-1770MSD	T1-089	ORG	95-47-6	o-Xylene	290		ug/L	5	0.64	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	113%	0%	6.4
NAL13026-1770MSD	T1-089	ORG	100-42-5	Styrene	300		ug/L	5	1.01	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	120%	0%	
NAL13026-1770MSD	T1-089	ORG	75-25-2	Bromoform	260		ug/L	10	2.34	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	104%	4%	
NAL13026-1770MSD	T1-089	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	111%	4%	2.2
NAL13026-1770MSD	T1-089	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	111%	0%	2.3
NAL13026-1770MSD	T1-089	ORG	79-34-5	1,1,2,2-Tetrachloroethane	290		ug/L	10	1.46	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	116%	3%	
NAL13026-1770MSD	T1-089	ORG	96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	100%	4%	

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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
NAL13026-1770MSD	T1-089	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	105%	4%	6.5
NAL13026-1770MSD	T1-089	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	112%	0%	
NAL13026-1770MSD	T1-089	ORG	95-63-6	1,2,4-Trimethylbenzene	310		ug/L	10	1.00	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	108%	0%	40
NAL13026-1770MSD	T1-089	ORG	135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	108%	4%	
NAL13026-1770MSD	T1-089	ORG	541-73-1	1,3-Dichlorobenzene	240		ug/L	10	1.11	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	96%	4%	
NAL13026-1770MSD	T1-089	ORG	99-87-6	p-Isopropltoluene	430		ug/L	10	1.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	108%	0%	160
NAL13026-1770MSD	T1-089	ORG	106-46-7	1,4-Dichlorobenzene	300		ug/L	10	1.65	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	95%	3%	63
NAL13026-1770MSD	T1-089	ORG	95-50-1	1,2-Dichlorobenzene	240		ug/L	10	1.32	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	95%	4%	1.3
NAL13026-1770MSD	T1-089	ORG	104-51-8	n-Butylbenzene	270		ug/L	25	1.39	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	107%	0%	3.6
NAL13026-1770MSD	T1-089	ORG	96-12-8	1,2-Dibromo-3-chloropropane	290		ug/L	25	7.96	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	116%	3%	
NAL13026-1770MSD	T1-089	ORG	87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	68%	6%	
NAL13026-1770MSD	T1-089	ORG	120-82-1	1,2,4-Trichlorobenzene	230		ug/L	25	1.38	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	91%	4%	3.3
NAL13026-1770MSD	T1-089	ORG	91-20-3	Naphthalene	460		ug/L	25	2.80	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	104%	4%	200
NAL13026-1770MSD	T1-089	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	250	87%	0%	1.5
NAL13026-1770MSD	T1-089	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	50	102%	0%	
NAL13026-1770MSD	T1-089	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	50	98%	0%	
NAL13026-1770MSD	T1-089	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	50	96%	2%	
NAL13026-1770MSD	T1-089	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	12/17/2014	12/17/2014	12/17/2014	WG	5	NA	5.0	NA	SW8260B	NALD5587	50	106%	2%	

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NAL13026-1771	T1-090	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	67-64-1	Acetone	88000	DB	ug/L	5000	778.04	12/18/2014	12/18/2014	12/18/2014	WG	500	NA	5.0	NA	SW8260B	NALD5592				
NAL13026-1771	T1-090	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	78-93-3	2-Butanone	8000	D	ug/L	5000	405.90	12/18/2014	12/18/2014	12/18/2014	WG	500	NA	5.0	NA	SW8260B	NALD5592				
NAL13026-1771	T1-090	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	71-43-2	Benzene	1.7	J	ug/L	5	0.68	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	108-88-3	Toluene		U	ug/L	5	1.05	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	108-10-1	4-Methyl-2-pentanone	620		ug/L	25	3.70	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	591-78-6	2-Hexanone	270		ug/L	25	3.45	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	100-41-4	Ethylbenzene	2.1	J	ug/L	5	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	XYLMP	p&m-Xylene	6.0	J	ug/L	10	1.31	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	95-47-6	o-Xylene	7.4		ug/L	5	0.64	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	100-42-5	Styrene	1.3	J	ug/L	5	1.01	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	98-82-8	Isopropylbenzene	2.0	J	ug/L	10	1.02	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	103-65-1	n-Propylbenzene	2.7	J	ug/L	10	1.35	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				

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NAL13026-1771	T1-090	ORG	108-67-8	1,3,5-Trimethylbenzene	8.6	J	ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	99-87-6	p-Isopropltoluene	230		ug/L	10	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	106-46-7	1,4-Dichlorobenzene	100		ug/L	10	1.65	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	95-50-1	1,2-Dichlorobenzene	2.0	J	ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	104-51-8	n-Butylbenzene	5.7	J	ug/L	25	1.39	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	120-82-1	1,2,4-Trichlorobenzene	3.4	J	ug/L	25	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	91-20-3	Naphthalene	210		ug/L	25	2.80	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	ORG	87-61-6	1,2,3-Trichlorobenzene	1.8	J	ug/L	25	1.16	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595				
NAL13026-1771	T1-090	STD	1868-53-7	Dibromofluoromethane	47		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595	50	94%		
NAL13026-1771	T1-090	STD	17060-07-0	1,2-Dichloroethane d4	50		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595	50	100%		
NAL13026-1771	T1-090	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595	50	98%		
NAL13026-1771	T1-090	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5595	50	110%		

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D121814CCVA	D121814CCVA	ORG	75-71-8	Dichlorodifluoromethane	50		ug/L	5	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	100%		
D121814CCVA	D121814CCVA	ORG	74-87-3	Chloromethane	46		ug/L	5	0.43	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	92%		
D121814CCVA	D121814CCVA	ORG	75-01-4	Vinyl chloride	55		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	110%		
D121814CCVA	D121814CCVA	ORG	74-83-9	Bromomethane	74		ug/L	5	0.50	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	148%		
D121814CCVA	D121814CCVA	ORG	75-00-3	Chloroethane	60		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	120%		
D121814CCVA	D121814CCVA	ORG	75-69-4	Trichlorofluoromethane	180		ug/L	5	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	360%		
D121814CCVA	D121814CCVA	ORG	75-35-4	1,1-Dichloroethene	46		ug/L	1	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	92%		
D121814CCVA	D121814CCVA	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	100%		
D121814CCVA	D121814CCVA	ORG	67-64-1	Acetone	59		ug/L	10	1.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	118%		
D121814CCVA	D121814CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	92%		
D121814CCVA	D121814CCVA	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	74-97-5	Bromochloromethane	47		ug/L	10	0.41	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	67-66-3	Chloroform	45		ug/L	2	0.16	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	90%		
D121814CCVA	D121814CCVA	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	98%		
D121814CCVA	D121814CCVA	ORG	78-93-3	2-Butanone	42		ug/L	1	0.81	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	84%		
D121814CCVA	D121814CCVA	ORG	56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	104%		
D121814CCVA	D121814CCVA	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	92%		
D121814CCVA	D121814CCVA	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	74-95-3	Dibromomethane	47		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	100%		
D121814CCVA	D121814CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	104%		
D121814CCVA	D121814CCVA	ORG	108-88-3	Toluene	47		ug/L	1	0.21	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	108-10-1	4-Methyl-2-pentanone	53		ug/L	5	0.74	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	106%		
D121814CCVA	D121814CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	54		ug/L	1	0.31	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	108%		
D121814CCVA	D121814CCVA	ORG	127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	84%		
D121814CCVA	D121814CCVA	ORG	79-00-5	1,1,2-Trichloroethane	45		ug/L	1	0.34	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	90%		
D121814CCVA	D121814CCVA	ORG	124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	102%		
D121814CCVA	D121814CCVA	ORG	106-93-4	1,2-Dibromoethane	48		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	591-78-6	2-Hexanone	52		ug/L	2	0.69	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	104%		
D121814CCVA	D121814CCVA	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	106%		
D121814CCVA	D121814CCVA	ORG	108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	104%		
D121814CCVA	D121814CCVA	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	100	110%		
D121814CCVA	D121814CCVA	ORG	95-47-6	o-Xylene	56		ug/L	1	0.13	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	112%		
D121814CCVA	D121814CCVA	ORG	100-42-5	Styrene	58		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	116%		
D121814CCVA	D121814CCVA	ORG	75-25-2	Bromoform	51		ug/L	2	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	102%		
D121814CCVA	D121814CCVA	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	114%		
D121814CCVA	D121814CCVA	ORG	103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	112%		
D121814CCVA	D121814CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	47		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	96-18-4	1,2,3-Trichloropropane	46		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	92%		

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.
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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
D121814CCVA	D121814CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	108%		
D121814CCVA	D121814CCVA	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	116%		
D121814CCVA	D121814CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	110%		
D121814CCVA	D121814CCVA	ORG	135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	112%		
D121814CCVA	D121814CCVA	ORG	541-73-1	1,3-Dichlorobenzene	49		ug/L	2	0.22	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	98%		
D121814CCVA	D121814CCVA	ORG	99-87-6	p-Isopropltoluene	56		ug/L	2	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	112%		
D121814CCVA	D121814CCVA	ORG	106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	98%		
D121814CCVA	D121814CCVA	ORG	95-50-1	1,2-Dichlorobenzene	48		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	114%		
D121814CCVA	D121814CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	47		ug/L	5	1.59	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	94%		
D121814CCVA	D121814CCVA	ORG	87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	106%		
D121814CCVA	D121814CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	51		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	102%		
D121814CCVA	D121814CCVA	ORG	91-20-3	Naphthalene	48		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	49		ug/L	5	0.23	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	98%		
D121814CCVA	D121814CCVA	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	100%		
D121814CCVA	D121814CCVA	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	96%		
D121814CCVA	D121814CCVA	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	98%		
D121814CCVA	D121814CCVA	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5589	50	102%		

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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	Spike	% Rec	% RPD	Parent
D121814MBKA	D121814MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	67-64-1	Acetone	11		ug/L	10	1.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				

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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
D121814MBKA	D121814MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591				
D121814MBKA	D121814MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591	50	98%		
D121814MBKA	D121814MBKA	STD	17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591	50	104%		
D121814MBKA	D121814MBKA	STD	2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591	50	104%		
D121814MBKA	D121814MBKA	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5591	50	106%		

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D121814ALCS	D121814ALCS	ORG	75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	74-87-3	Chloromethane	45		ug/L	5	0.43	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	90%		
D121814ALCS	D121814ALCS	ORG	75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	102%		
D121814ALCS	D121814ALCS	ORG	74-83-9	Bromomethane	70		ug/L	5	0.50	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	140%		
D121814ALCS	D121814ALCS	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	116%		
D121814ALCS	D121814ALCS	ORG	75-69-4	Trichlorofluoromethane	130		ug/L	5	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	260%		
D121814ALCS	D121814ALCS	ORG	75-35-4	1,1-Dichloroethene	48		ug/L	1	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	ORG	75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	67-64-1	Acetone	70		ug/L	10	1.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	140%		
D121814ALCS	D121814ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	49		ug/L	1	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	ORG	67-66-3	Chloroform	47		ug/L	2	0.16	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	71-55-6	1,1,1-Trichloroethane	50		ug/L	1	0.17	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	ORG	78-93-3	2-Butanone	43		ug/L	1	0.81	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	86%		
D121814ALCS	D121814ALCS	ORG	56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	104%		
D121814ALCS	D121814ALCS	ORG	71-43-2	Benzene	48		ug/L	1	0.14	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	ORG	107-06-2	1,2-Dichloroethane	47		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	ORG	74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	104%		
D121814ALCS	D121814ALCS	ORG	108-88-3	Toluene	48		ug/L	1	0.21	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	ORG	108-10-1	4-Methyl-2-pentanone	59		ug/L	5	0.74	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	118%		
D121814ALCS	D121814ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	110%		
D121814ALCS	D121814ALCS	ORG	127-18-4	Tetrachloroethene	43		ug/L	1	0.49	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	86%		
D121814ALCS	D121814ALCS	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	94%		
D121814ALCS	D121814ALCS	ORG	124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	106%		
D121814ALCS	D121814ALCS	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	ORG	591-78-6	2-Hexanone	68		ug/L	2	0.69	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	136%		
D121814ALCS	D121814ALCS	ORG	100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	108%		
D121814ALCS	D121814ALCS	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	53		ug/L	2	0.19	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	106%		
D121814ALCS	D121814ALCS	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	100	110%		
D121814ALCS	D121814ALCS	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	114%		
D121814ALCS	D121814ALCS	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	118%		
D121814ALCS	D121814ALCS	ORG	75-25-2	Bromoform	54		ug/L	2	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	108%		
D121814ALCS	D121814ALCS	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	114%		
D121814ALCS	D121814ALCS	ORG	103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	112%		
D121814ALCS	D121814ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	102%		
D121814ALCS	D121814ALCS	ORG	96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		

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D121814ALCS	D121814ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	110%		
D121814ALCS	D121814ALCS	ORG	98-06-6	tert-Butylbenzene	58		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	116%		
D121814ALCS	D121814ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	110%		
D121814ALCS	D121814ALCS	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	114%		
D121814ALCS	D121814ALCS	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	102%		
D121814ALCS	D121814ALCS	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	116%		
D121814ALCS	D121814ALCS	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	ORG	104-51-8	n-Butylbenzene	57		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	114%		
D121814ALCS	D121814ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	55		ug/L	5	1.59	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	110%		
D121814ALCS	D121814ALCS	ORG	87-68-3	Hexachlorobutadiene	54		ug/L	5	0.65	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	108%		
D121814ALCS	D121814ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	54		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	108%		
D121814ALCS	D121814ALCS	ORG	91-20-3	Naphthalene	55		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	110%		
D121814ALCS	D121814ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	53		ug/L	5	0.23	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	106%		
D121814ALCS	D121814ALCS	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	100%		
D121814ALCS	D121814ALCS	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	96%		
D121814ALCS	D121814ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	98%		
D121814ALCS	D121814ALCS	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5590	50	102%		

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Bridgeton, MO 63044
ATTN: Brian Power

Project #: NAL13-026
Project Site: Bridgeton Landfill

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M = Matrix assesment, 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
D121814ALCD	D121814ALCD	ORG	75-71-8	Dichlorodifluoromethane	49		ug/L	5	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	0%	
D121814ALCD	D121814ALCD	ORG	74-87-3	Chloromethane	46		ug/L	5	0.43	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	75-01-4	Vinyl chloride	51		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	102%	0%	
D121814ALCD	D121814ALCD	ORG	74-83-9	Bromomethane	57		ug/L	5	0.50	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	114%	20%	
D121814ALCD	D121814ALCD	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	116%	0%	
D121814ALCD	D121814ALCD	ORG	75-69-4	Trichlorofluoromethane	150		ug/L	5	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	300%	14%	
D121814ALCD	D121814ALCD	ORG	75-35-4	1,1-Dichloroethene	45		ug/L	1	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	90%	6%	
D121814ALCD	D121814ALCD	ORG	75-09-2	Methylene chloride	49		ug/L	5	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	0%	
D121814ALCD	D121814ALCD	ORG	67-64-1	Acetone	75		ug/L	10	1.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	150%	7%	
D121814ALCD	D121814ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	1634-04-4	MTBE	46		ug/L	5	0.61	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	75-34-3	1,1-Dichloroethane	46		ug/L	1	0.53	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	47		ug/L	1	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	94%	4%	
D121814ALCD	D121814ALCD	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	96%	0%	
D121814ALCD	D121814ALCD	ORG	67-66-3	Chloroform	46		ug/L	2	0.16	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	2%	
D121814ALCD	D121814ALCD	ORG	78-93-3	2-Butanone	36		ug/L	1	0.81	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	72%	18%	
D121814ALCD	D121814ALCD	ORG	56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	102%	2%	
D121814ALCD	D121814ALCD	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	94%	2%	
D121814ALCD	D121814ALCD	ORG	107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	92%	2%	
D121814ALCD	D121814ALCD	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	94%	2%	
D121814ALCD	D121814ALCD	ORG	74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	96%	2%	
D121814ALCD	D121814ALCD	ORG	78-87-5	1,2-Dichloropropane	48		ug/L	1	0.18	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	96%	2%	
D121814ALCD	D121814ALCD	ORG	75-27-4	Bromodichloromethane	49		ug/L	2	0.12	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	2%	
D121814ALCD	D121814ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	50		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	4%	
D121814ALCD	D121814ALCD	ORG	108-88-3	Toluene	47		ug/L	1	0.21	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	94%	2%	
D121814ALCD	D121814ALCD	ORG	108-10-1	4-Methyl-2-pentanone	55		ug/L	5	0.74	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	110%	7%	
D121814ALCD	D121814ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	53		ug/L	1	0.31	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	106%	4%	
D121814ALCD	D121814ALCD	ORG	127-18-4	Tetrachloroethene	50		ug/L	1	0.49	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	15%	
D121814ALCD	D121814ALCD	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	94%	0%	
D121814ALCD	D121814ALCD	ORG	124-48-1	Dibromochloromethane	51		ug/L	5	0.30	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	102%	4%	
D121814ALCD	D121814ALCD	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	0%	
D121814ALCD	D121814ALCD	ORG	591-78-6	2-Hexanone	61		ug/L	2	0.69	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	122%	11%	
D121814ALCD	D121814ALCD	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	106%	2%	
D121814ALCD	D121814ALCD	ORG	108-90-7	Chlorobenzene	49		ug/L	1	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	0%	
D121814ALCD	D121814ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	104%	2%	
D121814ALCD	D121814ALCD	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	100	110%	0%	
D121814ALCD	D121814ALCD	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	114%	0%	
D121814ALCD	D121814ALCD	ORG	100-42-5	Styrene	57		ug/L	1	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	114%	3%	
D121814ALCD	D121814ALCD	ORG	75-25-2	Bromoform	53		ug/L	2	0.47	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	106%	2%	
D121814ALCD	D121814ALCD	ORG	98-82-8	Isopropylbenzene	57		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	114%	0%	
D121814ALCD	D121814ALCD	ORG	103-65-1	n-Propylbenzene	56		ug/L	2	0.27	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	112%	0%	
D121814ALCD	D121814ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	4%	
D121814ALCD	D121814ALCD	ORG	96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	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
D121814ALCD	D121814ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	108%	2%	
D121814ALCD	D121814ALCD	ORG	98-06-6	tert-Butylbenzene	55		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	110%	5%	
D121814ALCD	D121814ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	110%	0%	
D121814ALCD	D121814ALCD	ORG	135-98-8	sec-Butylbenzene	56		ug/L	2	0.32	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	112%	2%	
D121814ALCD	D121814ALCD	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	2%	
D121814ALCD	D121814ALCD	ORG	99-87-6	p-Isopropltoluene	57		ug/L	2	0.25	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	114%	2%	
D121814ALCD	D121814ALCD	ORG	106-46-7	1,4-Dichlorobenzene	48		ug/L	2	0.33	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	96%	4%	
D121814ALCD	D121814ALCD	ORG	95-50-1	1,2-Dichlorobenzene	49		ug/L	2	0.26	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	2%	
D121814ALCD	D121814ALCD	ORG	104-51-8	n-Butylbenzene	56		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	112%	2%	
D121814ALCD	D121814ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	102%	8%	
D121814ALCD	D121814ALCD	ORG	87-68-3	Hexachlorobutadiene	48		ug/L	5	0.65	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	96%	12%	
D121814ALCD	D121814ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	50		ug/L	5	0.28	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	8%	
D121814ALCD	D121814ALCD	ORG	91-20-3	Naphthalene	53		ug/L	5	0.56	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	106%	4%	
D121814ALCD	D121814ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	50		ug/L	5	0.23	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	100%	6%	
D121814ALCD	D121814ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	102%	2%	
D121814ALCD	D121814ALCD	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	2%	
D121814ALCD	D121814ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	50	98%	0%	
D121814ALCD	D121814ALCD	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/18/2014	12/18/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5597	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
NAL13026-1771MS	T1-090	ORG	75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	92%		
NAL13026-1771MS	T1-090	ORG	74-87-3	Chloromethane	220		ug/L	25	2.15	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	88%		
NAL13026-1771MS	T1-090	ORG	75-01-4	Vinyl chloride	240		ug/L	10	1.59	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	74-83-9	Bromomethane	330		ug/L	25	2.50	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	132%		
NAL13026-1771MS	T1-090	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	108%		
NAL13026-1771MS	T1-090	ORG	75-69-4	Trichlorofluoromethane	540		ug/L	25	0.98	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	216%		
NAL13026-1771MS	T1-090	ORG	75-35-4	1,1-Dichloroethene	250		ug/L	5	2.36	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	75-09-2	Methylene chloride	250		ug/L	25	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	67-64-1	Acetone	53000		ug/L	50	7.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	-14000%		88000
NAL13026-1771MS	T1-090	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	92%		
NAL13026-1771MS	T1-090	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	156-59-2	cis-1,2-Dichloroethene	250		ug/L	5	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	92%		
NAL13026-1771MS	T1-090	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	78-93-3	2-Butanone	9700		ug/L	5	4.06	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	680%		8000
NAL13026-1771MS	T1-090	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	104%		
NAL13026-1771MS	T1-090	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	95%		1.7
NAL13026-1771MS	T1-090	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	104%		
NAL13026-1771MS	T1-090	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	108-88-3	Toluene	240		ug/L	5	1.05	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	108-10-1	4-Methyl-2-pentanone	960		ug/L	25	3.70	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	136%		620
NAL13026-1771MS	T1-090	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	108%		
NAL13026-1771MS	T1-090	ORG	127-18-4	Tetrachloroethene	220		ug/L	5	2.43	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	88%		
NAL13026-1771MS	T1-090	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		
NAL13026-1771MS	T1-090	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	104%		
NAL13026-1771MS	T1-090	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	104%		
NAL13026-1771MS	T1-090	ORG	591-78-6	2-Hexanone	510		ug/L	10	3.45	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	96%		270
NAL13026-1771MS	T1-090	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	107%		2.1
NAL13026-1771MS	T1-090	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	104%		
NAL13026-1771MS	T1-090	ORG	XYLMP	p&m-Xylene	550		ug/L	10	1.31	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	500	109%		6.0
NAL13026-1771MS	T1-090	ORG	95-47-6	o-Xylene	300		ug/L	5	0.64	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	117%		7.4
NAL13026-1771MS	T1-090	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	123%		1.3
NAL13026-1771MS	T1-090	ORG	75-25-2	Bromoform	270		ug/L	10	2.34	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	108%		
NAL13026-1771MS	T1-090	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	115%		2.0
NAL13026-1771MS	T1-090	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	115%		2.7
NAL13026-1771MS	T1-090	ORG	79-34-5	1,1,2,2-Tetrachloroethane	310		ug/L	10	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	124%		
NAL13026-1771MS	T1-090	ORG	96-18-4	1,2,3-Trichloropropane	270		ug/L	10	1.47	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	108%		

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

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NAL13026-1771MS	T1-090	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	109%		8.6
NAL13026-1771MS	T1-090	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	112%		
NAL13026-1771MS	T1-090	ORG	95-63-6	1,2,4-Trimethylbenzene	340		ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	114%		56
NAL13026-1771MS	T1-090	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	112%		
NAL13026-1771MS	T1-090	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		
NAL13026-1771MS	T1-090	ORG	99-87-6	p-Isopropltoluene	510		ug/L	10	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	112%		230
NAL13026-1771MS	T1-090	ORG	106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		100
NAL13026-1771MS	T1-090	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	99%		2.0
NAL13026-1771MS	T1-090	ORG	104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	114%		5.7
NAL13026-1771MS	T1-090	ORG	96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	124%		
NAL13026-1771MS	T1-090	ORG	87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	76%		
NAL13026-1771MS	T1-090	ORG	120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	99%		3.4
NAL13026-1771MS	T1-090	ORG	91-20-3	Naphthalene	460		ug/L	25	2.80	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	100%		210
NAL13026-1771MS	T1-090	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	250	87%		1.8
NAL13026-1771MS	T1-090	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	50	102%		
NAL13026-1771MS	T1-090	STD	17060-07-0	1,2-Dichloroethane d4	48		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	50	96%		
NAL13026-1771MS	T1-090	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	50	96%		
NAL13026-1771MS	T1-090	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5598	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
NAL13026-1771MSD	T1-090	ORG	75-71-8	Dichlorodifluoromethane	230		ug/L	25	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	0%	
NAL13026-1771MSD	T1-090	ORG	74-87-3	Chloromethane	230		ug/L	25	2.15	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	4%	
NAL13026-1771MSD	T1-090	ORG	75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	4%	
NAL13026-1771MSD	T1-090	ORG	74-83-9	Bromomethane	320		ug/L	25	2.50	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	128%	3%	
NAL13026-1771MSD	T1-090	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	108%	0%	
NAL13026-1771MSD	T1-090	ORG	75-69-4	Trichlorofluoromethane	650		ug/L	25	0.98	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	260%	18%	
NAL13026-1771MSD	T1-090	ORG	75-35-4	1,1-Dichloroethene	220		ug/L	5	2.36	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	88%	13%	
NAL13026-1771MSD	T1-090	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	4%	
NAL13026-1771MSD	T1-090	ORG	67-64-1	Acetone	55000		ug/L	50	7.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	-13200%	4%	88000
NAL13026-1771MSD	T1-090	ORG	156-60-5	trans-1,2-Dichloroethene	220		ug/L	5	2.78	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	88%	4%	
NAL13026-1771MSD	T1-090	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	0%	
NAL13026-1771MSD	T1-090	ORG	75-34-3	1,1-Dichloroethane	230		ug/L	5	2.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	4%	
NAL13026-1771MSD	T1-090	ORG	156-59-2	cis-1,2-Dichloroethene	250		ug/L	5	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	
NAL13026-1771MSD	T1-090	ORG	74-97-5	Bromochloromethane	230		ug/L	50	2.07	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	4%	
NAL13026-1771MSD	T1-090	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	0%	
NAL13026-1771MSD	T1-090	ORG	71-55-6	1,1,1-Trichloroethane	240		ug/L	5	0.83	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	4%	
NAL13026-1771MSD	T1-090	ORG	78-93-3	2-Butanone	10000		ug/L	5	4.06	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	800%	3%	8000
NAL13026-1771MSD	T1-090	ORG	56-23-5	Carbon tetrachloride	250		ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	4%	
NAL13026-1771MSD	T1-090	ORG	71-43-2	Benzene	230		ug/L	5	0.68	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	91%	4%	1.7
NAL13026-1771MSD	T1-090	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	0%	
NAL13026-1771MSD	T1-090	ORG	79-01-6	Trichloroethene	230		ug/L	5	1.82	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	4%	
NAL13026-1771MSD	T1-090	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	104%	0%	
NAL13026-1771MSD	T1-090	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	
NAL13026-1771MSD	T1-090	ORG	75-27-4	Bromodichloromethane	240		ug/L	10	0.58	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	4%	
NAL13026-1771MSD	T1-090	ORG	10061-01-5	cis-1,3-Dichloropropene	250		ug/L	5	1.25	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	
NAL13026-1771MSD	T1-090	ORG	108-88-3	Toluene	230		ug/L	5	1.05	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	92%	4%	
NAL13026-1771MSD	T1-090	ORG	108-10-1	4-Methyl-2-pentanone	1000		ug/L	25	3.70	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	152%	4%	620
NAL13026-1771MSD	T1-090	ORG	10061-02-6	trans-1,3-Dichloropropene	260		ug/L	5	1.56	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	104%	4%	
NAL13026-1771MSD	T1-090	ORG	127-18-4	Tetrachloroethene	220		ug/L	5	2.43	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	88%	0%	
NAL13026-1771MSD	T1-090	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	0%	
NAL13026-1771MSD	T1-090	ORG	124-48-1	Dibromochloromethane	250		ug/L	25	1.49	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	4%	
NAL13026-1771MSD	T1-090	ORG	106-93-4	1,2-Dibromoethane	250		ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	4%	
NAL13026-1771MSD	T1-090	ORG	591-78-6	2-Hexanone	520		ug/L	10	3.45	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	2%	270
NAL13026-1771MSD	T1-090	ORG	100-41-4	Ethylbenzene	260		ug/L	5	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	103%	4%	2.1
NAL13026-1771MSD	T1-090	ORG	108-90-7	Chlorobenzene	240		ug/L	5	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	96%	4%	
NAL13026-1771MSD	T1-090	ORG	630-20-6	1,1,1,2-Tetrachloroethane	250		ug/L	10	0.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	4%	
NAL13026-1771MSD	T1-090	ORG	XYLMP	p&m-Xylene	540		ug/L	10	1.31	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	500	107%	2%	6.0
NAL13026-1771MSD	T1-090	ORG	95-47-6	o-Xylene	290		ug/L	5	0.64	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	113%	3%	7.4
NAL13026-1771MSD	T1-090	ORG	100-42-5	Styrene	300		ug/L	5	1.01	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	119%	3%	1.3
NAL13026-1771MSD	T1-090	ORG	75-25-2	Bromoform	260		ug/L	10	2.34	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	104%	4%	
NAL13026-1771MSD	T1-090	ORG	98-82-8	Isopropylbenzene	280		ug/L	10	1.02	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	111%	4%	2.0
NAL13026-1771MSD	T1-090	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	111%	4%	2.7
NAL13026-1771MSD	T1-090	ORG	79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	120%	3%	
NAL13026-1771MSD	T1-090	ORG	96-18-4	1,2,3-Trichloropropane	250		ug/L	10	1.47	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	8%	

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

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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
NAL13026-1771MSD	T1-090	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	105%	4%	8.6
NAL13026-1771MSD	T1-090	ORG	98-06-6	tert-Butylbenzene	280		ug/L	10	1.63	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	112%	0%	
NAL13026-1771MSD	T1-090	ORG	95-63-6	1,2,4-Trimethylbenzene	330		ug/L	10	1.00	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	110%	3%	56
NAL13026-1771MSD	T1-090	ORG	135-98-8	sec-Butylbenzene	270		ug/L	10	1.62	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	108%	4%	
NAL13026-1771MSD	T1-090	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	
NAL13026-1771MSD	T1-090	ORG	99-87-6	p-Isopropltoluene	530		ug/L	10	1.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	120%	4%	230
NAL13026-1771MSD	T1-090	ORG	106-46-7	1,4-Dichlorobenzene	350		ug/L	10	1.65	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	100
NAL13026-1771MSD	T1-090	ORG	95-50-1	1,2-Dichlorobenzene	240		ug/L	10	1.32	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	95%	4%	2.0
NAL13026-1771MSD	T1-090	ORG	104-51-8	n-Butylbenzene	280		ug/L	25	1.39	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	110%	4%	5.7
NAL13026-1771MSD	T1-090	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	120%	3%	
NAL13026-1771MSD	T1-090	ORG	87-68-3	Hexachlorobutadiene	170		ug/L	25	3.27	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	68%	11%	
NAL13026-1771MSD	T1-090	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	95%	4%	3.4
NAL13026-1771MSD	T1-090	ORG	91-20-3	Naphthalene	460		ug/L	25	2.80	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	100%	0%	210
NAL13026-1771MSD	T1-090	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	250	87%	0%	1.8
NAL13026-1771MSD	T1-090	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	50	102%	0%	
NAL13026-1771MSD	T1-090	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	50	98%	2%	
NAL13026-1771MSD	T1-090	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	50	98%	2%	
NAL13026-1771MSD	T1-090	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	12/18/2014	12/18/2014	12/18/2014	WG	5	NA	5.0	NA	SW8260B	NALD5599	50	106%	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
NAL13026-1772	T1-091	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	74-87-3	Chloromethane		U	ug/L	25	2.15	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-01-4	Vinyl chloride		U	ug/L	10	1.59	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	74-83-9	Bromomethane		U	ug/L	25	2.50	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-00-3	Chloroethane		U	ug/L	25	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	25	0.98	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	5	2.36	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-09-2	Methylene chloride		U	ug/L	25	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	67-64-1	Acetone	560	BX+	ug/L	50	7.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	1634-04-4	MTBE		U	ug/L	25	3.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	5	2.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	74-97-5	Bromochloromethane		U	ug/L	10	2.07	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	67-66-3	Chloroform		U	ug/L	5	0.79	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	0.83	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	78-93-3	2-Butanone	54		ug/L	50	4.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	56-23-5	Carbon tetrachloride		U	ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	71-43-2	Benzene		U	ug/L	5	0.68	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	5	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	79-01-6	Trichloroethene		U	ug/L	5	1.82	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	74-95-3	Dibromomethane		U	ug/L	10	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	5	0.91	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-27-4	Bromodichloromethane		U	ug/L	10	0.58	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	1.25	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	108-88-3	Toluene		U	ug/L	5	1.05	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	108-10-1	4-Methyl-2-pentanone	400		ug/L	25	3.70	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	1.56	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	127-18-4	Tetrachloroethene		U	ug/L	5	2.43	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	1.71	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	124-48-1	Dibromochloromethane		U	ug/L	10	1.49	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	591-78-6	2-Hexanone	150	X+	ug/L	25	3.45	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	100-41-4	Ethylbenzene		U	ug/L	5	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	108-90-7	Chlorobenzene		U	ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	0.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	XYLMP	p&m-Xylene		U	ug/L	10	1.31	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	95-47-6	o-Xylene		U	ug/L	5	0.64	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	100-42-5	Styrene		U	ug/L	5	1.01	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	75-25-2	Bromoform		U	ug/L	10	2.34	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	98-82-8	Isopropylbenzene		U	ug/L	10	1.02	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	103-65-1	n-Propylbenzene		U	ug/L	10	1.35	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				

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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
NAL13026-1772	T1-091	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	1.47	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	98-06-6	tert-Butylbenzene		U	ug/L	10	1.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	95-63-6	1,2,4-Trimethylbenzene	2.6	J	ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	135-98-8	sec-Butylbenzene		U	ug/L	10	1.62	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	1.11	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	99-87-6	p-Isopropltoluene	9.1	J	ug/L	10	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	106-46-7	1,4-Dichlorobenzene	11		ug/L	10	1.65	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	104-51-8	n-Butylbenzene		U	ug/L	25	1.39	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	7.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	25	3.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	120-82-1	1,2,4-Trichlorobenzene	2.3	J	ug/L	25	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	91-20-3	Naphthalene	7.0	J	ug/L	25	2.80	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	ORG	87-61-6	1,2,3-Trichlorobenzene	1.8	J	ug/L	25	1.16	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605				
NAL13026-1772	T1-091	STD	1868-53-7	Dibromofluoromethane	48		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605	50	96%		
NAL13026-1772	T1-091	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605	50	98%		
NAL13026-1772	T1-091	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605	50	98%		
NAL13026-1772	T1-091	STD	460-00-4	Bromofluorobenzene	55		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5605	50	110%		

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D121914CCVA	D121914CCVA	ORG	75-71-8	Dichlorodifluoromethane	48		ug/L	5	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	74-87-3	Chloromethane	45		ug/L	5	0.43	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	90%		
D121914CCVA	D121914CCVA	ORG	75-01-4	Vinyl chloride	54		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	108%		
D121914CCVA	D121914CCVA	ORG	74-83-9	Bromomethane	76		ug/L	5	0.50	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	152%		
D121914CCVA	D121914CCVA	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	116%		
D121914CCVA	D121914CCVA	ORG	75-69-4	Trichlorofluoromethane	210		ug/L	5	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	420%		
D121914CCVA	D121914CCVA	ORG	75-35-4	1,1-Dichloroethene	44		ug/L	1	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	88%		
D121914CCVA	D121914CCVA	ORG	75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	102%		
D121914CCVA	D121914CCVA	ORG	67-64-1	Acetone	73		ug/L	10	1.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	146%		
D121914CCVA	D121914CCVA	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	92%		
D121914CCVA	D121914CCVA	ORG	1634-04-4	MTBE	48		ug/L	5	0.61	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	94%		
D121914CCVA	D121914CCVA	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	67-66-3	Chloroform	46		ug/L	2	0.16	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	92%		
D121914CCVA	D121914CCVA	ORG	71-55-6	1,1,1-Trichloroethane	49		ug/L	1	0.17	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	98%		
D121914CCVA	D121914CCVA	ORG	78-93-3	2-Butanone	45		ug/L	1	0.81	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	90%		
D121914CCVA	D121914CCVA	ORG	56-23-5	Carbon tetrachloride	52		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	104%		
D121914CCVA	D121914CCVA	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	94%		
D121914CCVA	D121914CCVA	ORG	107-06-2	1,2-Dichloroethane	46		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	92%		
D121914CCVA	D121914CCVA	ORG	79-01-6	Trichloroethene	47		ug/L	1	0.36	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	94%		
D121914CCVA	D121914CCVA	ORG	74-95-3	Dibromomethane	48		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	78-87-5	1,2-Dichloropropane	47		ug/L	1	0.18	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	94%		
D121914CCVA	D121914CCVA	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	ORG	10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	102%		
D121914CCVA	D121914CCVA	ORG	108-88-3	Toluene	48		ug/L	1	0.21	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	96%		
D121914CCVA	D121914CCVA	ORG	108-10-1	4-Methyl-2-pentanone	58		ug/L	5	0.74	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	116%		
D121914CCVA	D121914CCVA	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	110%		
D121914CCVA	D121914CCVA	ORG	127-18-4	Tetrachloroethene	42		ug/L	1	0.49	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	84%		
D121914CCVA	D121914CCVA	ORG	79-00-5	1,1,2-Trichloroethane	46		ug/L	1	0.34	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	92%		
D121914CCVA	D121914CCVA	ORG	124-48-1	Dibromochloromethane	52		ug/L	5	0.30	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	104%		
D121914CCVA	D121914CCVA	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	ORG	591-78-6	2-Hexanone	62		ug/L	2	0.69	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	124%		
D121914CCVA	D121914CCVA	ORG	100-41-4	Ethylbenzene	54		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	108%		
D121914CCVA	D121914CCVA	ORG	108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	ORG	630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	108%		
D121914CCVA	D121914CCVA	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	100	110%		
D121914CCVA	D121914CCVA	ORG	95-47-6	o-Xylene	57		ug/L	1	0.13	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	114%		
D121914CCVA	D121914CCVA	ORG	100-42-5	Styrene	59		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	118%		
D121914CCVA	D121914CCVA	ORG	75-25-2	Bromoform	54		ug/L	2	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	108%		
D121914CCVA	D121914CCVA	ORG	98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	116%		
D121914CCVA	D121914CCVA	ORG	103-65-1	n-Propylbenzene	57		ug/L	2	0.27	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	114%		
D121914CCVA	D121914CCVA	ORG	79-34-5	1,1,2,2-Tetrachloroethane	49		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	98%		

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D121914CCVA	D121914CCVA	ORG	96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	98%		
D121914CCVA	D121914CCVA	ORG	108-67-8	1,3,5-Trimethylbenzene	55		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	110%		
D121914CCVA	D121914CCVA	ORG	98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	118%		
D121914CCVA	D121914CCVA	ORG	95-63-6	1,2,4-Trimethylbenzene	56		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	112%		
D121914CCVA	D121914CCVA	ORG	135-98-8	sec-Butylbenzene	57		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	114%		
D121914CCVA	D121914CCVA	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	102%		
D121914CCVA	D121914CCVA	ORG	99-87-6	p-Isopropltoluene	58		ug/L	2	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	116%		
D121914CCVA	D121914CCVA	ORG	106-46-7	1,4-Dichlorobenzene	50		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	ORG	95-50-1	1,2-Dichlorobenzene	50		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	116%		
D121914CCVA	D121914CCVA	ORG	96-12-8	1,2-Dibromo-3-chloropropane	51		ug/L	5	1.59	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	102%		
D121914CCVA	D121914CCVA	ORG	87-68-3	Hexachlorobutadiene	53		ug/L	5	0.65	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	106%		
D121914CCVA	D121914CCVA	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	104%		
D121914CCVA	D121914CCVA	ORG	91-20-3	Naphthalene	52		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	104%		
D121914CCVA	D121914CCVA	ORG	87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	102%		
D121914CCVA	D121914CCVA	STD	1868-53-7	Dibromofluoromethane	50		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	100%		
D121914CCVA	D121914CCVA	STD	17060-07-0	1,2-Dichloroethane d4	47		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	94%		
D121914CCVA	D121914CCVA	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	50	98%		
D121914CCVA	D121914CCVA	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5602	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
D121914MBKA	D121914MBKA	ORG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	74-87-3	Chloromethane		U	ug/L	5	0.43	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-01-4	Vinyl chloride		U	ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	74-83-9	Bromomethane		U	ug/L	5	0.50	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-00-3	Chloroethane		U	ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-69-4	Trichlorofluoromethane		U	ug/L	5	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-35-4	1,1-Dichloroethene		U	ug/L	1	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-09-2	Methylene chloride		U	ug/L	5	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	67-64-1	Acetone	19		ug/L	10	1.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	1634-04-4	MTBE		U	ug/L	5	0.61	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-34-3	1,1-Dichloroethane		U	ug/L	1	0.53	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	74-97-5	Bromochloromethane		U	ug/L	10	0.41	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	67-66-3	Chloroform		U	ug/L	2	0.16	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	0.17	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	78-93-3	2-Butanone		U	ug/L	1	0.81	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	56-23-5	Carbon tetrachloride		U	ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	71-43-2	Benzene		U	ug/L	1	0.14	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	107-06-2	1,2-Dichloroethane		U	ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	79-01-6	Trichloroethene		U	ug/L	1	0.36	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	74-95-3	Dibromomethane		U	ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	78-87-5	1,2-Dichloropropane		U	ug/L	1	0.18	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-27-4	Bromodichloromethane		U	ug/L	2	0.12	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	108-88-3	Toluene		U	ug/L	1	0.21	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	108-10-1	4-Methyl-2-pentanone		U	ug/L	5	0.74	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	0.31	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	127-18-4	Tetrachloroethene		U	ug/L	1	0.49	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	0.34	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	124-48-1	Dibromochloromethane		U	ug/L	5	0.30	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	106-93-4	1,2-Dibromoethane		U	ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	591-78-6	2-Hexanone		U	ug/L	2	0.69	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	100-41-4	Ethylbenzene		U	ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	108-90-7	Chlorobenzene		U	ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	0.19	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	XYLMP	p&m-Xylene		U	ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	95-47-6	o-Xylene		U	ug/L	1	0.13	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	100-42-5	Styrene		U	ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	75-25-2	Bromoform		U	ug/L	2	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	98-82-8	Isopropylbenzene		U	ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	103-65-1	n-Propylbenzene		U	ug/L	2	0.27	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				

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D121914MBKA	D121914MBKA	ORG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	98-06-6	tert-Butylbenzene		U	ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	135-98-8	sec-Butylbenzene		U	ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	0.22	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	99-87-6	p-Isopropltoluene		U	ug/L	2	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	104-51-8	n-Butylbenzene		U	ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	1.59	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	5	0.65	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	91-20-3	Naphthalene		U	ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	ORG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	0.23	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604				
D121914MBKA	D121914MBKA	STD	1868-53-7	Dibromofluoromethane	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604	50	98%		
D121914MBKA	D121914MBKA	STD	17060-07-0	1,2-Dichloroethane d4	52		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604	50	104%		
D121914MBKA	D121914MBKA	STD	2037-26-5	Toluene d8	52		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604	50	104%		
D121914MBKA	D121914MBKA	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5604	50	104%		

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D121914ALCS	D121914ALCS	ORG	75-71-8	Dichlorodifluoromethane	43		ug/L	5	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	86%		
D121914ALCS	D121914ALCS	ORG	74-87-3	Chloromethane	42		ug/L	5	0.43	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	84%		
D121914ALCS	D121914ALCS	ORG	75-01-4	Vinyl chloride	48		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	74-83-9	Bromomethane	79		ug/L	5	0.50	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	158%		
D121914ALCS	D121914ALCS	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	116%		
D121914ALCS	D121914ALCS	ORG	75-69-4	Trichlorofluoromethane	220		ug/L	5	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	440%		
D121914ALCS	D121914ALCS	ORG	75-35-4	1,1-Dichloroethene	47		ug/L	1	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	94%		
D121914ALCS	D121914ALCS	ORG	75-09-2	Methylene chloride	51		ug/L	5	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	102%		
D121914ALCS	D121914ALCS	ORG	67-64-1	Acetone	89		ug/L	10	1.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	178%		
D121914ALCS	D121914ALCS	ORG	156-60-5	trans-1,2-Dichloroethene	46		ug/L	1	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	92%		
D121914ALCS	D121914ALCS	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	94%		
D121914ALCS	D121914ALCS	ORG	75-34-3	1,1-Dichloroethane	47		ug/L	1	0.53	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	94%		
D121914ALCS	D121914ALCS	ORG	156-59-2	cis-1,2-Dichloroethene	48		ug/L	1	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	74-97-5	Bromochloromethane	49		ug/L	10	0.41	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	67-66-3	Chloroform	46		ug/L	2	0.16	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	92%		
D121914ALCS	D121914ALCS	ORG	71-55-6	1,1,1-Trichloroethane	48		ug/L	1	0.17	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	78-93-3	2-Butanone	39		ug/L	1	0.81	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	78%		
D121914ALCS	D121914ALCS	ORG	56-23-5	Carbon tetrachloride	51		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	102%		
D121914ALCS	D121914ALCS	ORG	71-43-2	Benzene	47		ug/L	1	0.14	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	94%		
D121914ALCS	D121914ALCS	ORG	107-06-2	1,2-Dichloroethane	48		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	79-01-6	Trichloroethene	48		ug/L	1	0.36	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	78-87-5	1,2-Dichloropropane	49		ug/L	1	0.18	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	75-27-4	Bromodichloromethane	50		ug/L	2	0.12	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	100%		
D121914ALCS	D121914ALCS	ORG	10061-01-5	cis-1,3-Dichloropropene	51		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	102%		
D121914ALCS	D121914ALCS	ORG	108-88-3	Toluene	46		ug/L	1	0.21	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	92%		
D121914ALCS	D121914ALCS	ORG	108-10-1	4-Methyl-2-pentanone	57		ug/L	5	0.74	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	114%		
D121914ALCS	D121914ALCS	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	127-18-4	Tetrachloroethene	44		ug/L	1	0.49	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	88%		
D121914ALCS	D121914ALCS	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	94%		
D121914ALCS	D121914ALCS	ORG	124-48-1	Dibromochloromethane	53		ug/L	5	0.30	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	106%		
D121914ALCS	D121914ALCS	ORG	106-93-4	1,2-Dibromoethane	50		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	100%		
D121914ALCS	D121914ALCS	ORG	591-78-6	2-Hexanone	66		ug/L	2	0.69	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	132%		
D121914ALCS	D121914ALCS	ORG	100-41-4	Ethylbenzene	53		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	106%		
D121914ALCS	D121914ALCS	ORG	108-90-7	Chlorobenzene	48		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	96%		
D121914ALCS	D121914ALCS	ORG	630-20-6	1,1,1,2-Tetrachloroethane	52		ug/L	2	0.19	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	104%		
D121914ALCS	D121914ALCS	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	100	110%		
D121914ALCS	D121914ALCS	ORG	95-47-6	o-Xylene	56		ug/L	1	0.13	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	112%		
D121914ALCS	D121914ALCS	ORG	100-42-5	Styrene	58		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	116%		
D121914ALCS	D121914ALCS	ORG	75-25-2	Bromoform	53		ug/L	2	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	106%		
D121914ALCS	D121914ALCS	ORG	98-82-8	Isopropylbenzene	56		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	112%		
D121914ALCS	D121914ALCS	ORG	103-65-1	n-Propylbenzene	55		ug/L	2	0.27	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	79-34-5	1,1,2,2-Tetrachloroethane	50		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	100%		

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

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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
D121914ALCS	D121914ALCS	ORG	96-18-4	1,2,3-Trichloropropane	49		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	108-67-8	1,3,5-Trimethylbenzene	54		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	108%		
D121914ALCS	D121914ALCS	ORG	98-06-6	tert-Butylbenzene	56		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	112%		
D121914ALCS	D121914ALCS	ORG	95-63-6	1,2,4-Trimethylbenzene	55		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	135-98-8	sec-Butylbenzene	55		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	541-73-1	1,3-Dichlorobenzene	50		ug/L	2	0.22	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	100%		
D121914ALCS	D121914ALCS	ORG	99-87-6	p-Isopropltoluene	56		ug/L	2	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	112%		
D121914ALCS	D121914ALCS	ORG	106-46-7	1,4-Dichlorobenzene	49		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	95-50-1	1,2-Dichlorobenzene	49		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	ORG	104-51-8	n-Butylbenzene	55		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	96-12-8	1,2-Dibromo-3-chloropropane	53		ug/L	5	1.59	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	106%		
D121914ALCS	D121914ALCS	ORG	87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	104%		
D121914ALCS	D121914ALCS	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	104%		
D121914ALCS	D121914ALCS	ORG	91-20-3	Naphthalene	55		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	110%		
D121914ALCS	D121914ALCS	ORG	87-61-6	1,2,3-Trichlorobenzene	52		ug/L	5	0.23	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	104%		
D121914ALCS	D121914ALCS	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	102%		
D121914ALCS	D121914ALCS	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	98%		
D121914ALCS	D121914ALCS	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5603	50	102%		

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Mobile Laboratory Services
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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

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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
D121914ALCD	D121914ALCD	ORG	75-71-8	Dichlorodifluoromethane	46		ug/L	5	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	92%	7%	
D121914ALCD	D121914ALCD	ORG	74-87-3	Chloromethane	43		ug/L	5	0.43	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	86%	2%	
D121914ALCD	D121914ALCD	ORG	75-01-4	Vinyl chloride	49		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	2%	
D121914ALCD	D121914ALCD	ORG	74-83-9	Bromomethane	69		ug/L	5	0.50	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	138%	14%	
D121914ALCD	D121914ALCD	ORG	75-00-3	Chloroethane	58		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	0%	
D121914ALCD	D121914ALCD	ORG	75-69-4	Trichlorofluoromethane	210		ug/L	5	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	420%	5%	
D121914ALCD	D121914ALCD	ORG	75-35-4	1,1-Dichloroethene	51		ug/L	1	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	8%	
D121914ALCD	D121914ALCD	ORG	75-09-2	Methylene chloride	50		ug/L	5	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	100%	2%	
D121914ALCD	D121914ALCD	ORG	67-64-1	Acetone	85		ug/L	10	1.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	170%	5%	
D121914ALCD	D121914ALCD	ORG	156-60-5	trans-1,2-Dichloroethene	47		ug/L	1	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	94%	2%	
D121914ALCD	D121914ALCD	ORG	1634-04-4	MTBE	47		ug/L	5	0.61	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	94%	0%	
D121914ALCD	D121914ALCD	ORG	75-34-3	1,1-Dichloroethane	48		ug/L	1	0.53	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	96%	2%	
D121914ALCD	D121914ALCD	ORG	156-59-2	cis-1,2-Dichloroethene	49		ug/L	1	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	2%	
D121914ALCD	D121914ALCD	ORG	74-97-5	Bromochloromethane	48		ug/L	10	0.41	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	96%	2%	
D121914ALCD	D121914ALCD	ORG	67-66-3	Chloroform	48		ug/L	2	0.16	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	96%	4%	
D121914ALCD	D121914ALCD	ORG	71-55-6	1,1,1-Trichloroethane	51		ug/L	1	0.17	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	6%	
D121914ALCD	D121914ALCD	ORG	78-93-3	2-Butanone	40		ug/L	1	0.81	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	80%	3%	
D121914ALCD	D121914ALCD	ORG	56-23-5	Carbon tetrachloride	54		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	108%	6%	
D121914ALCD	D121914ALCD	ORG	71-43-2	Benzene	49		ug/L	1	0.14	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	4%	
D121914ALCD	D121914ALCD	ORG	107-06-2	1,2-Dichloroethane	49		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	2%	
D121914ALCD	D121914ALCD	ORG	79-01-6	Trichloroethene	50		ug/L	1	0.36	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	100%	4%	
D121914ALCD	D121914ALCD	ORG	74-95-3	Dibromomethane	49		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	0%	
D121914ALCD	D121914ALCD	ORG	78-87-5	1,2-Dichloropropane	50		ug/L	1	0.18	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	100%	2%	
D121914ALCD	D121914ALCD	ORG	75-27-4	Bromodichloromethane	51		ug/L	2	0.12	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	2%	
D121914ALCD	D121914ALCD	ORG	10061-01-5	cis-1,3-Dichloropropene	52		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	104%	2%	
D121914ALCD	D121914ALCD	ORG	108-88-3	Toluene	49		ug/L	1	0.21	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	6%	
D121914ALCD	D121914ALCD	ORG	108-10-1	4-Methyl-2-pentanone	60		ug/L	5	0.74	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	120%	5%	
D121914ALCD	D121914ALCD	ORG	10061-02-6	trans-1,3-Dichloropropene	55		ug/L	1	0.31	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	110%	0%	
D121914ALCD	D121914ALCD	ORG	127-18-4	Tetrachloroethene	49		ug/L	1	0.49	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	11%	
D121914ALCD	D121914ALCD	ORG	79-00-5	1,1,2-Trichloroethane	47		ug/L	1	0.34	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	94%	0%	
D121914ALCD	D121914ALCD	ORG	124-48-1	Dibromochloromethane	54		ug/L	5	0.30	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	108%	2%	
D121914ALCD	D121914ALCD	ORG	106-93-4	1,2-Dibromoethane	51		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	2%	
D121914ALCD	D121914ALCD	ORG	591-78-6	2-Hexanone	68		ug/L	2	0.69	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	136%	3%	
D121914ALCD	D121914ALCD	ORG	100-41-4	Ethylbenzene	55		ug/L	1	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	110%	4%	
D121914ALCD	D121914ALCD	ORG	108-90-7	Chlorobenzene	50		ug/L	1	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	100%	4%	
D121914ALCD	D121914ALCD	ORG	630-20-6	1,1,1,2-Tetrachloroethane	54		ug/L	2	0.19	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	108%	4%	
D121914ALCD	D121914ALCD	ORG	XYLMP	p&m-Xylene	110		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	100	110%	0%	
D121914ALCD	D121914ALCD	ORG	95-47-6	o-Xylene	58		ug/L	1	0.13	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	4%	
D121914ALCD	D121914ALCD	ORG	100-42-5	Styrene	60		ug/L	1	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	120%	3%	
D121914ALCD	D121914ALCD	ORG	75-25-2	Bromoform	55		ug/L	2	0.47	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	110%	4%	
D121914ALCD	D121914ALCD	ORG	98-82-8	Isopropylbenzene	58		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	4%	
D121914ALCD	D121914ALCD	ORG	103-65-1	n-Propylbenzene	58		ug/L	2	0.27	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	5%	
D121914ALCD	D121914ALCD	ORG	79-34-5	1,1,2,2-Tetrachloroethane	51		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	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
D121914ALCD	D121914ALCD	ORG	96-18-4	1,2,3-Trichloropropane	51		ug/L	2	0.29	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	4%	
D121914ALCD	D121914ALCD	ORG	108-67-8	1,3,5-Trimethylbenzene	56		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	112%	4%	
D121914ALCD	D121914ALCD	ORG	98-06-6	tert-Butylbenzene	59		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	118%	5%	
D121914ALCD	D121914ALCD	ORG	95-63-6	1,2,4-Trimethylbenzene	57		ug/L	2	0.20	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	114%	4%	
D121914ALCD	D121914ALCD	ORG	135-98-8	sec-Butylbenzene	58		ug/L	2	0.32	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	5%	
D121914ALCD	D121914ALCD	ORG	541-73-1	1,3-Dichlorobenzene	51		ug/L	2	0.22	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	2%	
D121914ALCD	D121914ALCD	ORG	99-87-6	p-Isopropltoluene	59		ug/L	2	0.25	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	118%	5%	
D121914ALCD	D121914ALCD	ORG	106-46-7	1,4-Dichlorobenzene	51		ug/L	2	0.33	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	4%	
D121914ALCD	D121914ALCD	ORG	95-50-1	1,2-Dichlorobenzene	51		ug/L	2	0.26	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	4%	
D121914ALCD	D121914ALCD	ORG	104-51-8	n-Butylbenzene	58		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	116%	5%	
D121914ALCD	D121914ALCD	ORG	96-12-8	1,2-Dibromo-3-chloropropane	52		ug/L	5	1.59	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	104%	2%	
D121914ALCD	D121914ALCD	ORG	87-68-3	Hexachlorobutadiene	52		ug/L	5	0.65	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	104%	0%	
D121914ALCD	D121914ALCD	ORG	120-82-1	1,2,4-Trichlorobenzene	52		ug/L	5	0.28	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	104%	0%	
D121914ALCD	D121914ALCD	ORG	91-20-3	Naphthalene	53		ug/L	5	0.56	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	106%	4%	
D121914ALCD	D121914ALCD	ORG	87-61-6	1,2,3-Trichlorobenzene	51		ug/L	5	0.23	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	2%	
D121914ALCD	D121914ALCD	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	0%	
D121914ALCD	D121914ALCD	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	0%	
D121914ALCD	D121914ALCD	STD	2037-26-5	Toluene d8	49		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	98%	0%	
D121914ALCD	D121914ALCD	STD	460-00-4	Bromofluorobenzene	51		ug/L	1	0.10	NA	12/19/2014	12/19/2014	WQ	1	NA	5.0	NA	SW8260B	NALD5607	50	102%	0%	

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NAL13026-1772MS	T1-091	ORG	75-71-8	Dichlorodifluoromethane	220		ug/L	25	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	88%		
NAL13026-1772MS	T1-091	ORG	74-87-3	Chloromethane	220		ug/L	25	2.15	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	88%		
NAL13026-1772MS	T1-091	ORG	75-01-4	Vinyl chloride	240		ug/L	10	1.59	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	74-83-9	Bromomethane	320		ug/L	25	2.50	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	128%		
NAL13026-1772MS	T1-091	ORG	75-00-3	Chloroethane	280		ug/L	25	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		
NAL13026-1772MS	T1-091	ORG	75-69-4	Trichlorofluoromethane	460		ug/L	25	0.98	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	184%		
NAL13026-1772MS	T1-091	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	92%		
NAL13026-1772MS	T1-091	ORG	75-09-2	Methylene chloride	250		ug/L	25	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	67-64-1	Acetone	94		ug/L	50	7.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	-186%		560
NAL13026-1772MS	T1-091	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	92%		
NAL13026-1772MS	T1-091	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	92%		
NAL13026-1772MS	T1-091	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	78-93-3	2-Butanone	270		ug/L	5	4.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	86%		54
NAL13026-1772MS	T1-091	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		
NAL13026-1772MS	T1-091	ORG	74-95-3	Dibromomethane	260		ug/L	10	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	108-88-3	Toluene	230		ug/L	5	1.05	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	92%		
NAL13026-1772MS	T1-091	ORG	108-10-1	4-Methyl-2-pentanone	710		ug/L	25	3.70	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	124%		400
NAL13026-1772MS	T1-091	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	108%		
NAL13026-1772MS	T1-091	ORG	127-18-4	Tetrachloroethene	210		ug/L	5	2.43	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	84%		
NAL13026-1772MS	T1-091	ORG	79-00-5	1,1,2-Trichloroethane	230		ug/L	5	1.71	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	92%		
NAL13026-1772MS	T1-091	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	591-78-6	2-Hexanone	290		ug/L	10	3.45	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	56%		150
NAL13026-1772MS	T1-091	ORG	100-41-4	Ethylbenzene	270		ug/L	5	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	108%		
NAL13026-1772MS	T1-091	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	630-20-6	1,1,1,2-Tetrachloroethane	260		ug/L	10	0.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	XYLMP	p&m-Xylene	540		ug/L	10	1.31	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	500	108%		
NAL13026-1772MS	T1-091	ORG	95-47-6	o-Xylene	290		ug/L	5	0.64	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	116%		
NAL13026-1772MS	T1-091	ORG	100-42-5	Styrene	300		ug/L	5	1.01	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	120%		
NAL13026-1772MS	T1-091	ORG	75-25-2	Bromoform	280		ug/L	10	2.34	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		
NAL13026-1772MS	T1-091	ORG	98-82-8	Isopropylbenzene	290		ug/L	10	1.02	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	116%		
NAL13026-1772MS	T1-091	ORG	103-65-1	n-Propylbenzene	280		ug/L	10	1.35	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		
NAL13026-1772MS	T1-091	ORG	79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	120%		

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NAL13026-1772MS	T1-091	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	104%		
NAL13026-1772MS	T1-091	ORG	108-67-8	1,3,5-Trimethylbenzene	270		ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	108%		
NAL13026-1772MS	T1-091	ORG	98-06-6	tert-Butylbenzene	290		ug/L	10	1.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	116%		
NAL13026-1772MS	T1-091	ORG	95-63-6	1,2,4-Trimethylbenzene	280		ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	111%		2.6
NAL13026-1772MS	T1-091	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		
NAL13026-1772MS	T1-091	ORG	541-73-1	1,3-Dichlorobenzene	250		ug/L	10	1.11	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	99-87-6	p-Isopropltoluene	290		ug/L	10	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		9.1
NAL13026-1772MS	T1-091	ORG	106-46-7	1,4-Dichlorobenzene	250		ug/L	10	1.65	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	96%		11
NAL13026-1772MS	T1-091	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	100%		
NAL13026-1772MS	T1-091	ORG	104-51-8	n-Butylbenzene	280		ug/L	25	1.39	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	112%		
NAL13026-1772MS	T1-091	ORG	96-12-8	1,2-Dibromo-3-chloropropane	310		ug/L	25	7.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	124%		
NAL13026-1772MS	T1-091	ORG	87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	76%		
NAL13026-1772MS	T1-091	ORG	120-82-1	1,2,4-Trichlorobenzene	250		ug/L	25	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	99%		2.3
NAL13026-1772MS	T1-091	ORG	91-20-3	Naphthalene	260		ug/L	25	2.80	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	101%		7.0
NAL13026-1772MS	T1-091	ORG	87-61-6	1,2,3-Trichlorobenzene	230		ug/L	25	1.16	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	250	91%		1.8
NAL13026-1772MS	T1-091	STD	1868-53-7	Dibromofluoromethane	52		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	50	104%		
NAL13026-1772MS	T1-091	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	50	98%		
NAL13026-1772MS	T1-091	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	50	96%		
NAL13026-1772MS	T1-091	STD	460-00-4	Bromofluorobenzene	52		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5608	50	104%		

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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

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M = Matrix assesment, 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
NAL13026-1772MSD	T1-091	ORG	75-71-8	Dichlorodifluoromethane	220		ug/L	25	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	88%	0%	
NAL13026-1772MSD	T1-091	ORG	74-87-3	Chloromethane	220		ug/L	25	2.15	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	88%	0%	
NAL13026-1772MSD	T1-091	ORG	75-01-4	Vinyl chloride	250		ug/L	10	1.59	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	4%	
NAL13026-1772MSD	T1-091	ORG	74-83-9	Bromomethane	310		ug/L	25	2.50	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	124%	3%	
NAL13026-1772MSD	T1-091	ORG	75-00-3	Chloroethane	270		ug/L	25	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	108%	4%	
NAL13026-1772MSD	T1-091	ORG	75-69-4	Trichlorofluoromethane	560		ug/L	25	0.98	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	224%	20%	
NAL13026-1772MSD	T1-091	ORG	75-35-4	1,1-Dichloroethene	230		ug/L	5	2.36	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	92%	0%	
NAL13026-1772MSD	T1-091	ORG	75-09-2	Methylene chloride	240		ug/L	25	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	4%	
NAL13026-1772MSD	T1-091	ORG	67-64-1	Acetone	96		ug/L	50	7.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	-186%	2%	560
NAL13026-1772MSD	T1-091	ORG	156-60-5	trans-1,2-Dichloroethene	230		ug/L	5	2.78	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	92%	0%	
NAL13026-1772MSD	T1-091	ORG	1634-04-4	MTBE	240		ug/L	25	3.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	75-34-3	1,1-Dichloroethane	240		ug/L	5	2.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	156-59-2	cis-1,2-Dichloroethene	240		ug/L	5	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	74-97-5	Bromochloromethane	240		ug/L	50	2.07	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	67-66-3	Chloroform	230		ug/L	10	0.79	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	92%	0%	
NAL13026-1772MSD	T1-091	ORG	71-55-6	1,1,1-Trichloroethane	250		ug/L	5	0.83	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	0%	
NAL13026-1772MSD	T1-091	ORG	78-93-3	2-Butanone	230		ug/L	5	4.06	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	70%	16%	54
NAL13026-1772MSD	T1-091	ORG	56-23-5	Carbon tetrachloride	260		ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	0%	
NAL13026-1772MSD	T1-091	ORG	71-43-2	Benzene	240		ug/L	5	0.68	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	107-06-2	1,2-Dichloroethane	240		ug/L	5	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	79-01-6	Trichloroethene	240		ug/L	5	1.82	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	0%	
NAL13026-1772MSD	T1-091	ORG	74-95-3	Dibromomethane	250		ug/L	10	1.61	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	4%	
NAL13026-1772MSD	T1-091	ORG	78-87-5	1,2-Dichloropropane	250		ug/L	5	0.91	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	0%	
NAL13026-1772MSD	T1-091	ORG	75-27-4	Bromodichloromethane	250		ug/L	10	0.58	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	0%	
NAL13026-1772MSD	T1-091	ORG	10061-01-5	cis-1,3-Dichloropropene	260		ug/L	5	1.25	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	0%	
NAL13026-1772MSD	T1-091	ORG	108-88-3	Toluene	230		ug/L	5	1.05	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	92%	0%	
NAL13026-1772MSD	T1-091	ORG	108-10-1	4-Methyl-2-pentanone	670		ug/L	25	3.70	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	108%	6%	400
NAL13026-1772MSD	T1-091	ORG	10061-02-6	trans-1,3-Dichloropropene	270		ug/L	5	1.56	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	108%	0%	
NAL13026-1772MSD	T1-091	ORG	127-18-4	Tetrachloroethene	210		ug/L	5	2.43	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	84%	0%	
NAL13026-1772MSD	T1-091	ORG	79-00-5	1,1,2-Trichloroethane	240		ug/L	5	1.71	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	96%	4%	
NAL13026-1772MSD	T1-091	ORG	124-48-1	Dibromochloromethane	260		ug/L	25	1.49	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	0%	
NAL13026-1772MSD	T1-091	ORG	106-93-4	1,2-Dibromoethane	260		ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	0%	
NAL13026-1772MSD	T1-091	ORG	591-78-6	2-Hexanone	310		ug/L	10	3.45	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	64%	7%	150
NAL13026-1772MSD	T1-091	ORG	100-41-4	Ethylbenzene	280		ug/L	5	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	112%	4%	
NAL13026-1772MSD	T1-091	ORG	108-90-7	Chlorobenzene	250		ug/L	5	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	0%	
NAL13026-1772MSD	T1-091	ORG	630-20-6	1,1,1,2-Tetrachloroethane	270		ug/L	10	0.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	108%	4%	
NAL13026-1772MSD	T1-091	ORG	XYLMP	p&m-Xylene	560		ug/L	10	1.31	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	500	112%	4%	
NAL13026-1772MSD	T1-091	ORG	95-47-6	o-Xylene	300		ug/L	5	0.64	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	120%	3%	
NAL13026-1772MSD	T1-091	ORG	100-42-5	Styrene	310		ug/L	5	1.01	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	124%	3%	
NAL13026-1772MSD	T1-091	ORG	75-25-2	Bromoform	280		ug/L	10	2.34	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	112%	0%	
NAL13026-1772MSD	T1-091	ORG	98-82-8	Isopropylbenzene	300		ug/L	10	1.02	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	120%	3%	
NAL13026-1772MSD	T1-091	ORG	103-65-1	n-Propylbenzene	290		ug/L	10	1.35	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	116%	4%	
NAL13026-1772MSD	T1-091	ORG	79-34-5	1,1,2,2-Tetrachloroethane	300		ug/L	10	1.46	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	120%	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
NAL13026-1772MSD	T1-091	ORG	96-18-4	1,2,3-Trichloropropane	260		ug/L	10	1.47	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	0%	
NAL13026-1772MSD	T1-091	ORG	108-67-8	1,3,5-Trimethylbenzene	280		ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	112%	4%	
NAL13026-1772MSD	T1-091	ORG	98-06-6	tert-Butylbenzene	300		ug/L	10	1.63	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	120%	3%	
NAL13026-1772MSD	T1-091	ORG	95-63-6	1,2,4-Trimethylbenzene	290		ug/L	10	1.00	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	115%	4%	2.6
NAL13026-1772MSD	T1-091	ORG	135-98-8	sec-Butylbenzene	280		ug/L	10	1.62	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	112%	0%	
NAL13026-1772MSD	T1-091	ORG	541-73-1	1,3-Dichlorobenzene	260		ug/L	10	1.11	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	104%	4%	
NAL13026-1772MSD	T1-091	ORG	99-87-6	p-Isopropltoluene	300		ug/L	10	1.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	116%	3%	9.1
NAL13026-1772MSD	T1-091	ORG	106-46-7	1,4-Dichlorobenzene	260		ug/L	10	1.65	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	4%	11
NAL13026-1772MSD	T1-091	ORG	95-50-1	1,2-Dichlorobenzene	250		ug/L	10	1.32	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	100%	0%	
NAL13026-1772MSD	T1-091	ORG	104-51-8	n-Butylbenzene	290		ug/L	25	1.39	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	116%	4%	
NAL13026-1772MSD	T1-091	ORG	96-12-8	1,2-Dibromo-3-chloropropane	300		ug/L	25	7.96	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	120%	3%	
NAL13026-1772MSD	T1-091	ORG	87-68-3	Hexachlorobutadiene	190		ug/L	25	3.27	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	76%	0%	
NAL13026-1772MSD	T1-091	ORG	120-82-1	1,2,4-Trichlorobenzene	240		ug/L	25	1.38	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	95%	4%	2.3
NAL13026-1772MSD	T1-091	ORG	91-20-3	Naphthalene	250		ug/L	25	2.80	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	97%	4%	7.0
NAL13026-1772MSD	T1-091	ORG	87-61-6	1,2,3-Trichlorobenzene	220		ug/L	25	1.16	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	250	87%	4%	1.8
NAL13026-1772MSD	T1-091	STD	1868-53-7	Dibromofluoromethane	51		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	50	102%	2%	
NAL13026-1772MSD	T1-091	STD	17060-07-0	1,2-Dichloroethane d4	49		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	50	98%	0%	
NAL13026-1772MSD	T1-091	STD	2037-26-5	Toluene d8	48		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	50	96%	0%	
NAL13026-1772MSD	T1-091	STD	460-00-4	Bromofluorobenzene	53		ug/L	1	0.10	12/19/2014	12/19/2014	12/19/2014	WG	5	NA	5.0	NA	SW8260B	NALD5609	50	106%	2%	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/26/14 8:51
Report Date: 12/26/14
Customer #: 277310

Laboratory Results

Sample No: **4123524-01**
Sample Description: **T-1-01-AS**

Collect Date: **12/26/14 06:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1-Trichloroethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,1,2,2-Tetrachloroethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,1,2-Trichloroethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,1-Dichloroethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,1-Dichloroethene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,2-Dichlorobenzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,2-Dichloroethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,2-Dichloropropane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,3-Dichlorobenzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
1,4-Dichlorobenzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
2-Butanone	2500 ug/L		12/26/14 10:33	BP	EPA 624*	
2-Chloroethylvinyl ether	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Acrolein	< 500 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Acrylonitrile	< 100 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Benzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Bromodichloromethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Bromoform	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Bromomethane	< 100 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Carbon tetrachloride	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Chlorobenzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Chloroethane	< 100 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Chloroform	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Chloromethane	< 100 ug/L		12/26/14 09:52	BP	EPA 624	04KS
cis-1,3-Dichloropropene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Dibromochloromethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Ethylbenzene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
m,p-Xylene	< 100 ug/L		12/26/14 09:52	BP	EPA 624*	
Methylene chloride	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
o-Xylene	< 50 ug/L		12/26/14 09:52	BP	EPA 624*	
Tetrachloroethene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Toluene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
trans-1,2-Dichloroethene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
trans-1,3-Dichloropropene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/26/14 8:51
Report Date: 12/26/14
Customer #: 277310

Laboratory Results

Sample No: **4123524-01**
Sample Description: **T-1-01-AS**

Collect Date: **12/26/14 06:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Trichloroethene	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Trichlorofluoromethane	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Vinyl chloride	< 50 ug/L		12/26/14 09:52	BP	EPA 624	04KS
Surrogate: 1,2-Dichloroethane-d4	*88 % 60.7-121*		*12/26/14 09:52*	*BP*	*EPA 624*	
Surrogate: Toluene-d8	*81 % 60.6-116*		*12/26/14 09:52*	*BP*	*EPA 624*	
Surrogate: Bromofluorobenzene	*90 % 69.7-113*		*12/26/14 09:52*	*BP*	*EPA 624*	

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/26/14 8:51
Report Date: 12/26/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421857 - 04-No Prep VOA								
Blank (B421857-BLK1)			Prepared & Analyzed: 12/26/14					
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Benzene	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methylene chloride	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*26.2*	*ug/L*	*30.00*		*87*	*60.7-121*		
Surrogate: Toluene-d8	*23.9*	*ug/L*	*30.00*		*80*	*60.6-116*		
Surrogate: Bromofluorobenzene	*27.1*	*ug/L*	*30.00*		*90*	*69.7-113*		

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/26/14 8:51
Report Date: 12/26/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421857 - 04-No Prep VOA								
LCS (B421857-BS1)			Prepared & Analyzed: 12/26/14					
1,1,1-Trichloroethane	19.9	ug/L	20.00		99	73-124		
1,1,2,2-Tetrachloroethane	20.2	ug/L	20.00		101	68-124		
1,1,2-Trichloroethane	20.3	ug/L	20.00		101	77-121		
1,1-Dichloroethane	21.6	ug/L	20.00		108	78-133		
1,1-Dichloroethene	20.2	ug/L	20.00		101	67-114		
1,2-Dichlorobenzene	20.9	ug/L	20.00		104	65-117		
1,2-Dichloroethane	22.8	ug/L	20.00		114	69-131		
1,2-Dichloropropane	22.7	ug/L	20.00		113	68-130		
1,3-Dichlorobenzene	21.4	ug/L	20.00		107	71-119		
1,4-Dichlorobenzene	22.6	ug/L	20.00		113	73-122		
2-Butanone	19.7	ug/L	20.00		99	70-130		
2-Chloroethylvinyl ether	12.4	ug/L	20.00		62	46-140		
Acrolein	108	ug/L	200.0		54	10-175		
Acrylonitrile	15.6	ug/L	20.00		78	35-133		
Benzene	21.0	ug/L	20.00		105	67-118		
Bromodichloromethane	21.8	ug/L	20.00		109	72-122		
Bromoform	22.5	ug/L	20.00		113	50-156		
Bromomethane	21.1	ug/L	20.00		106	10-186		
Carbon tetrachloride	21.5	ug/L	20.00		108	74-125		
Chlorobenzene	22.9	ug/L	20.00		114	68-117		
Chloroethane	16.2	ug/L	20.00		81	10-171		
Chloroform	22.0	ug/L	20.00		110	68-132		
Chloromethane	18.1	ug/L	20.00		91	59-123		
cis-1,3-Dichloropropene	19.4	ug/L	20.00		97	69-114		
Dibromochloromethane	20.5	ug/L	20.00		102	72-120		
Ethylbenzene	21.0	ug/L	20.00		105	73-119		
m,p-Xylene	41.5	ug/L	40.00		104	73-112		
Methylene chloride	20.5	ug/L	20.00		102	65-121		
o-Xylene	21.3	ug/L	20.00		107	73-112		
Tetrachloroethene	20.2	ug/L	20.00		101	36-163		
Toluene	20.4	ug/L	20.00		102	72-124		
trans-1,2-Dichloroethene	20.9	ug/L	20.00		104	64-114		
trans-1,3-Dichloropropene	20.2	ug/L	20.00		101	71-118		
Trichloroethene	19.1	ug/L	20.00		95	64-124		
Trichlorofluoromethane	19.9	ug/L	20.00		100	68-155		
Vinyl chloride	19.9	ug/L	20.00		99	57-148		
Surrogate: 1,2-Dichloroethane-d4	*25.4*	*ug/L*	*30.00*		*85*	*61.4-120*		
Surrogate: Toluene-d8	*24.1*	*ug/L*	*30.00*		*80*	*60.2-115*		
Surrogate: Bromofluorobenzene	*25.7*	*ug/L*	*30.00*		*86*	*69.2-108*		

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/26/14 8:51
Report Date: 12/26/14
Customer #: 277310

Laboratory Results

Notes

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PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

Specific method revisions used for analysis are available upon request.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: Bridgeton - LPTP
ADDRESS:
CITY STATE ZIP:
CONTACT PERSON: Natalie Lafata

PROJECT NUMBER:
P.O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER:
FAX NUMBER:
EMAIL ADDRESS:
SAMPLER: Natalie Lafata
SAMPLER'S SIGNATURE: Natalie Lafata

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 4123524
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2

SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	VOC (624)	TTO	Benzene	REMARKS
T-1-01-AS	12/26/14	0800	X		WW	8		X	X	6.89pH @ 31.3°C
[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]				

Send Benzene ASAP
314-341-3375 Natalie Cell
nlafata@cecinc.com

* Email Results ASAP

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE ASAP
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
	12/26/14	0730		12/26/14	0730
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	2.3/4 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	____

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

December 29, 2014

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

RE: Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

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 T1-091
Pace Project No.: 60185096

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60185096001	**T1-091**	Water	12/19/14 10:00	12/20/14 01:45
60185096002	**TRIP BLANK**	Water	12/19/14 10:00	12/20/14 01:45

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60185096001	**T1-091**	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	JMC1	1
		EPA 350.1	OL	1
		EPA 410.4	JMC1	1
60185096002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Sample: T1-091 **Lab ID: 60185096001** Collected: 12/19/14 10:00 Received: 12/20/14 01:45 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	**24100**	ug/L	375	1	12/20/14 11:20	12/23/14 17:06	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/20/14 11:20	12/23/14 17:06	7440-36-0	
Arsenic	**530**	ug/L	50.0	1	12/20/14 11:20	12/23/14 17:06	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/20/14 11:20	12/23/14 17:06	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/20/14 11:20	12/23/14 17:06	7440-43-9	
Chromium	**124**	ug/L	25.0	1	12/20/14 11:20	12/23/14 17:06	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/20/14 11:20	12/23/14 17:06	7440-48-4	
Copper	ND	ug/L	50.0	1	12/20/14 11:20	12/23/14 17:06	7440-50-8	
Iron	**303000**	ug/L	250	1	12/20/14 11:20	12/23/14 17:06	7439-89-6	
Lead	**54.0**	ug/L	25.0	1	12/20/14 11:20	12/23/14 17:06	7439-92-1	
Nickel	**72.4**	ug/L	25.0	1	12/20/14 11:20	12/23/14 17:06	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/20/14 11:20	12/23/14 17:06	7782-49-2	
Silver	ND	ug/L	35.0	1	12/20/14 11:20	12/23/14 17:06	7440-22-4	
Thallium	ND	ug/L	100	1	12/20/14 11:20	12/23/14 17:06	7440-28-0	
Zinc	**1930**	ug/L	250	1	12/20/14 11:20	12/23/14 17:06	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	12/22/14 17:20	12/23/14 11:06	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/22/14 17:20	12/23/14 11:06	7440-36-0	
Arsenic, Dissolved	**407**	ug/L	50.0	1	12/22/14 17:20	12/23/14 11:06	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/22/14 17:20	12/23/14 11:06	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 11:06	7440-43-9	
Chromium, Dissolved	**56.0**	ug/L	25.0	1	12/22/14 17:20	12/23/14 11:06	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 11:06	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/22/14 17:20	12/23/14 11:06	7440-50-8	
Iron, Dissolved	**19800**	ug/L	250	1	12/22/14 17:20	12/23/14 11:06	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 11:06	7439-92-1	
Nickel, Dissolved	**51.8**	ug/L	25.0	1	12/22/14 17:20	12/23/14 11:06	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/22/14 17:20	12/23/14 11:06	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/22/14 17:20	12/23/14 11:06	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/22/14 17:20	12/23/14 11:06	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/22/14 17:20	12/23/14 11:06	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	6.0	1	12/22/14 17:00	12/23/14 10:05	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	12/22/14 17:00	12/23/14 09:41	7439-97-6	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/23/14 00:00	12/24/14 09:49	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/23/14 00:00	12/24/14 09:49	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/23/14 00:00	12/24/14 09:49		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Sample: T1-091 **Lab ID: 60185096001** Collected: 12/19/14 10:00 Received: 12/20/14 01:45 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	12/23/14 00:00	12/24/14 09:49	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	87-86-5	
Phenol	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	94	%	33-120	1	12/23/14 00:00	12/24/14 09:49	4165-60-0	
2-Fluorobiphenyl (S)	86	%	39-120	1	12/23/14 00:00	12/24/14 09:49	321-60-8	
Terphenyl-d14 (S)	91	%	45-120	1	12/23/14 00:00	12/24/14 09:49	1718-51-0	
Phenol-d6 (S)	38	%	11-120	1	12/23/14 00:00	12/24/14 09:49	13127-88-3	
2-Fluorophenol (S)	52	%	17-120	1	12/23/14 00:00	12/24/14 09:49	367-12-4	
2,4,6-Tribromophenol (S)	93	%	39-120	1	12/23/14 00:00	12/24/14 09:49	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	ND	ug/L	1000	100		12/24/14 08:06	67-64-1	N2
Benzene	ND	ug/L	100	100		12/24/14 08:06	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/24/14 08:06	75-27-4	
Bromoform	ND	ug/L	100	100		12/24/14 08:06	75-25-2	
Bromomethane	ND	ug/L	500	100		12/24/14 08:06	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	1000	100		12/24/14 08:06	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/24/14 08:06	56-23-5	
Chloroethane	ND	ug/L	100	100		12/24/14 08:06	75-00-3	
Chloroform	ND	ug/L	100	100		12/24/14 08:06	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/24/14 08:06	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/24/14 08:06	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/24/14 08:06	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/24/14 08:06	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/24/14 08:06	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/24/14 08:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/24/14 08:06	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/24/14 08:06	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/24/14 08:06	127-18-4	
Toluene	ND	ug/L	100	100		12/24/14 08:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/24/14 08:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/24/14 08:06	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/24/14 08:06	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/24/14 08:06	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/24/14 08:06	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	102	%	80-120	100		12/24/14 08:06	460-00-4	D3
Toluene-d8 (S)	93	%	80-120	100		12/24/14 08:06	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	80-120	100		12/24/14 08:06	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/24/14 08:06		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**46.2**	mg/L	5.0	1		12/23/14 09:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Sample: T1-091 **Lab ID: 60185096001** Collected: 12/19/14 10:00 Received: 12/20/14 01:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**10900**	mg/L	5.0	1		12/26/14 12:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.7**	Std. Units	0.10	1		12/23/14 14:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**3670**	mg/L	2.0	1	12/20/14 09:33	12/25/14 08:00		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**84.7**	mg/L	5.0	50		12/23/14 14:00	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**14400**	mg/L	2500	250		12/29/14 09:09		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

Sample: TRIP BLANK **Lab ID: 60185096002** Collected: 12/19/14 10:00 Received: 12/20/14 01:45 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		12/24/14 06:46	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/24/14 06:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/24/14 06:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/24/14 06:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/24/14 06:46	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	10.0	1		12/24/14 06:46	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/24/14 06:46	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/24/14 06:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/24/14 06:46	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:46	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/24/14 06:46	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 06:46	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 06:46	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/24/14 06:46	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/24/14 06:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/24/14 06:46	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 06:46	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/24/14 06:46	127-18-4	
Toluene	ND	ug/L	1.0	1		12/24/14 06:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/24/14 06:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/24/14 06:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/24/14 06:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/24/14 06:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/24/14 06:46	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	106	%	80-120	1		12/24/14 06:46	460-00-4	
Toluene-d8 (S)	92	%	80-120	1		12/24/14 06:46	2037-26-5	
1,2-Dichloroethane-d4 (S)	98	%	80-120	1		12/24/14 06:46	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/24/14 06:46		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: MERP/9169 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60185096001

METHOD BLANK: 1498959 | Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/23/14 09:43	

LABORATORY CONTROL SAMPLE: 1498960

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: 1498961 1498962

Parameter	Units	60184975001 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	100	99.3	67	66	70-130	1	20	M1

MATRIX SPIKE SAMPLE: 1498963

Parameter	Units	60185016005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	2.8	56	70-130	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: MERP/9168
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60185096001

METHOD BLANK: 1498951
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/23/14 09:25	

LABORATORY CONTROL SAMPLE: 1498952

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: 1498953 1498954

Parameter	Units	60184708001 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	93.6	90.0	62	60	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: MPRP/30264
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60185096001

METHOD BLANK: 1498701
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/23/14 17:13	
Antimony	ug/L	ND	10.0	12/23/14 17:13	
Arsenic	ug/L	ND	10.0	12/23/14 17:13	
Beryllium	ug/L	ND	1.0	12/23/14 17:13	
Cadmium	ug/L	ND	5.0	12/23/14 17:13	
Chromium	ug/L	ND	5.0	12/23/14 17:13	
Cobalt	ug/L	ND	5.0	12/23/14 17:13	
Copper	ug/L	ND	10.0	12/23/14 17:13	
Iron	ug/L	ND	50.0	12/23/14 17:13	
Lead	ug/L	ND	5.0	12/23/14 17:13	
Nickel	ug/L	ND	5.0	12/23/14 17:13	
Selenium	ug/L	ND	15.0	12/23/14 17:13	
Silver	ug/L	ND	7.0	12/23/14 17:13	
Thallium	ug/L	ND	20.0	12/23/14 17:13	
Zinc	ug/L	ND	50.0	12/23/14 17:13	

LABORATORY CONTROL SAMPLE: 1498702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	998	100	85-115	
Arsenic	ug/L	1000	975	97	85-115	
Beryllium	ug/L	1000	989	99	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	987	99	85-115	
Iron	ug/L	10000	9490	95	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1030	103	85-115	
Selenium	ug/L	1000	986	99	85-115	
Silver	ug/L	500	493	99	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1498703 1498704

Parameter	Units	60184843002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	116	10000	10000	10200	10300	101	102	70-130	1	20	
Antimony	ug/L	ND	1000	1000	1020	1030	102	103	70-130	1	20	
Arsenic	ug/L	ND	1000	1000	1020	1030	102	103	70-130	1	20	
Beryllium	ug/L	ND	1000	1000	997	1000	100	100	70-130	0	20	
Cadmium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	1	20	
Chromium	ug/L	ND	1000	1000	996	1010	99	100	70-130	1	20	
Cobalt	ug/L	ND	1000	1000	985	994	99	99	70-130	1	20	
Copper	ug/L	12.3	1000	1000	1000	1010	99	100	70-130	1	20	
Iron	ug/L	1970	10000	10000	11300	11300	94	94	70-130	0	20	
Lead	ug/L	6.2	1000	1000	978	979	97	97	70-130	0	20	
Nickel	ug/L	7.6	1000	1000	990	997	98	99	70-130	1	20	
Selenium	ug/L	ND	1000	1000	919	925	92	93	70-130	1	20	
Silver	ug/L	ND	500	500	518	516	103	103	70-130	0	20	
Thallium	ug/L	ND	1000	1000	911	919	91	92	70-130	1	20	
Zinc	ug/L	54.6	1000	1000	1040	1050	99	99	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: MPRP/30274
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60185096001

METHOD BLANK: 1498883
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/23/14 10:52	
Antimony, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Arsenic, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Beryllium, Dissolved	ug/L	ND	1.0	12/23/14 10:52	
Cadmium, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Chromium, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Cobalt, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Copper, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Iron, Dissolved	ug/L	ND	50.0	12/23/14 10:52	
Lead, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Nickel, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Selenium, Dissolved	ug/L	ND	15.0	12/23/14 10:52	
Silver, Dissolved	ug/L	ND	7.0	12/23/14 10:52	
Thallium, Dissolved	ug/L	ND	20.0	12/23/14 10:52	
Zinc, Dissolved	ug/L	ND	50.0	12/23/14 10:52	

LABORATORY CONTROL SAMPLE: 1498884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9850	99	85-115	
Antimony, Dissolved	ug/L	1000	1010	101	85-115	
Arsenic, Dissolved	ug/L	1000	977	98	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	1040	104	85-115	
Copper, Dissolved	ug/L	1000	999	100	85-115	
Iron, Dissolved	ug/L	10000	10100	101	85-115	
Lead, Dissolved	ug/L	1000	1040	104	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	995	100	85-115	
Silver, Dissolved	ug/L	500	491	98	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1020	102	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1498885 1498886

Parameter	Units	60184975001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	50100	49800	100	99	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5270	5240	105	104	70-130	0	20	
Arsenic, Dissolved	ug/L	428	5000	5000	5630	5580	104	103	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	5070	5040	101	101	70-130	1	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5200	5150	104	103	70-130	1	20	
Chromium, Dissolved	ug/L	64.6	5000	5000	5050	5020	100	99	70-130	1	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	5100	5060	102	101	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	5210	5220	104	104	70-130	0	20	
Iron, Dissolved	ug/L	44100	50000	50000	94600	94000	101	100	70-130	1	20	
Lead, Dissolved	ug/L	ND	5000	5000	4960	4900	99	98	70-130	1	20	
Nickel, Dissolved	ug/L	53.0	5000	5000	5090	5040	101	100	70-130	1	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5310	106	106	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2550	2560	102	102	70-130	0	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4650	4610	93	92	70-130	1	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5080	5040	101	100	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: MSV/66699 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60185096001, 60185096002

METHOD BLANK: 1499611 | Matrix: Water
Associated Lab Samples: 60185096001, 60185096002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/24/14 03:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/24/14 03:28	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/24/14 03:28	
1,2-Dichloroethane	ug/L	ND	1.0	12/24/14 03:28	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/24/14 03:28	
2-Butanone (MEK)	ug/L	ND	10.0	12/24/14 03:28	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/24/14 03:28	N2
Acetone	ug/L	ND	10.0	12/24/14 03:28	N2
Benzene	ug/L	ND	1.0	12/24/14 03:28	
Bromodichloromethane	ug/L	ND	1.0	12/24/14 03:28	
Bromoform	ug/L	ND	1.0	12/24/14 03:28	
Bromomethane	ug/L	ND	5.0	12/24/14 03:28	
Carbon tetrachloride	ug/L	ND	1.0	12/24/14 03:28	
Chloroethane	ug/L	ND	1.0	12/24/14 03:28	
Chloroform	ug/L	ND	1.0	12/24/14 03:28	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/24/14 03:28	N2
Ethylbenzene	ug/L	ND	1.0	12/24/14 03:28	
Methylene chloride	ug/L	ND	1.0	12/24/14 03:28	
Tetrachloroethene	ug/L	ND	1.0	12/24/14 03:28	
Toluene	ug/L	ND	1.0	12/24/14 03:28	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/24/14 03:28	
Trichloroethene	ug/L	ND	1.0	12/24/14 03:28	
Vinyl chloride	ug/L	ND	1.0	12/24/14 03:28	
Xylene (Total)	ug/L	ND	3.0	12/24/14 03:28	N2
1,2-Dichloroethane-d4 (S)	%	100	80-120	12/24/14 03:28	
4-Bromofluorobenzene (S)	%	101	80-120	12/24/14 03:28	
Toluene-d8 (S)	%	97	80-120	12/24/14 03:28	

LABORATORY CONTROL SAMPLE: 1499612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.8	89	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	16.8	84	67-127	N2
1,1,2-Trichloroethane	ug/L	20	17.4	87	67-124	
1,2-Dichloroethane	ug/L	20	18.0	90	70-126	
1,4-Dichlorobenzene	ug/L	20	18.1	91	74-120	
2-Butanone (MEK)	ug/L	100	82.8	83	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	80.8	81	59-131	N2
Acetone	ug/L	100	86.2	86	38-134	N2
Benzene	ug/L	20	17.9	90	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

LABORATORY CONTROL SAMPLE: 1499612

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	17.8	89	68-125	
Bromoform	ug/L	20	18.3	92	65-127	
Bromomethane	ug/L	20	35.4	177	13-157	L0
Carbon tetrachloride	ug/L	20	17.9	89	70-131	
Chloroethane	ug/L	20	21.1	106	47-133	
Chloroform	ug/L	20	17.3	87	65-127	
cis-1,2-Dichloroethene	ug/L	20	17.5	88	68-127	N2
Ethylbenzene	ug/L	20	18.9	95	74-122	
Methylene chloride	ug/L	20	20.6	103	64-129	
Tetrachloroethene	ug/L	20	18.8	94	73-125	
Toluene	ug/L	20	18.1	91	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.2	96	66-129	
Trichloroethene	ug/L	20	15.3	77	71-123	
Vinyl chloride	ug/L	20	22.1	111	43-129	
Xylene (Total)	ug/L	60	56.2	94	75-121	N2
1,2-Dichloroethane-d4 (S)	%			98	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE SAMPLE: 1499613

Parameter	Units	60185095002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1000	935	94	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	1040	104	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	1000	850	85	52-143	
1,2-Dichloroethane	ug/L	ND	1000	843	83	49-144	
1,4-Dichlorobenzene	ug/L	ND	1000	957	93	33-140	
2-Butanone (MEK)	ug/L	ND	5000	4400	84	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	4400	79	40-160	N2
Acetone	ug/L	ND	5000	4520	85	10-160	N2
Benzene	ug/L	ND	1000	875	87	37-151	
Bromodichloromethane	ug/L	ND	1000	781	78	35-142	
Bromoform	ug/L	ND	1000	863	86	45-142	
Bromomethane	ug/L	ND	1000	1230	118	10-158	
Carbon tetrachloride	ug/L	ND	1000	974	97	70-140	
Chloroethane	ug/L	ND	1000	854	85	19-152	
Chloroform	ug/L	ND	1000	824	82	51-138	
cis-1,2-Dichloroethene	ug/L	ND	1000	849	85	34-147	N2
Ethylbenzene	ug/L	ND	1000	966	97	40-142	
Methylene chloride	ug/L	51.7	1000	963	91	31-144	
Tetrachloroethene	ug/L	ND	1000	947	95	64-148	
Toluene	ug/L	ND	1000	884	88	47-150	
trans-1,2-Dichloroethene	ug/L	ND	1000	942	94	54-151	
Trichloroethene	ug/L	ND	1000	700	70	71-149	M1
Vinyl chloride	ug/L	ND	1000	886	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

MATRIX SPIKE SAMPLE: 1499613

Parameter	Units	60185095002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	3000	2880	96	37-144	N2
1,2-Dichloroethane-d4 (S)	%				95	80-120	
4-Bromofluorobenzene (S)	%				97	80-120	
Toluene-d8 (S)	%				94	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: OEXT/47621 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60185096001

METHOD BLANK: 1499066 | Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/24/14 08:47	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/24/14 08:47	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/24/14 08:47	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/24/14 08:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachloroethane	ug/L	ND	5.0	12/24/14 08:47	
Naphthalene	ug/L	ND	5.0	12/24/14 08:47	
Nitrobenzene	ug/L	ND	5.0	12/24/14 08:47	
Pentachlorophenol	ug/L	ND	5.0	12/24/14 08:47	
Phenol	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Tribromophenol (S)	%	97	39-120	12/24/14 08:47	
2-Fluorobiphenyl (S)	%	95	39-120	12/24/14 08:47	
2-Fluorophenol (S)	%	53	17-120	12/24/14 08:47	
Nitrobenzene-d5 (S)	%	99	33-120	12/24/14 08:47	
Phenol-d6 (S)	%	35	11-120	12/24/14 08:47	
Terphenyl-d14 (S)	%	101	45-120	12/24/14 08:47	

LABORATORY CONTROL SAMPLE: 1499067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	49.8	100	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.5	73	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	64.7	129	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	44-116	
Hexachlorocyclopentadiene	ug/L	100	41.4	41	24-120	
Hexachloroethane	ug/L	50	41.8	84	43-113	
Naphthalene	ug/L	50	47.1	94	48-120	
Nitrobenzene	ug/L	50	50.3	101	48-120	
Pentachlorophenol	ug/L	50	49.1	98	47-120	
Phenol	ug/L	50	18.3	37	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			100	39-120	
2-Fluorophenol (S)	%			55	17-120	
Nitrobenzene-d5 (S)	%			103	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

MATRIX SPIKE SAMPLE: 1499068

Parameter	Units	60185016005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	42.2	84	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	46.4	93	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	40.2	80	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	36.7	73	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	65.2	130	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	40.5	81	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	42.6	43	11-120	
Hexachloroethane	ug/L	ND	50	43.1	86	40-113	
Naphthalene	ug/L	ND	50	44.2	88	45-120	
Nitrobenzene	ug/L	ND	50	47.3	95	38-120	
Pentachlorophenol	ug/L	ND	50	53.5	107	43-135	
Phenol	ug/L	ND	50	18.7	37	13-112	
2,4,6-Tribromophenol (S)	%				90	39-120	
2-Fluorobiphenyl (S)	%				86	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				93	33-120	
Phenol-d6 (S)	%				35	11-120	
Terphenyl-d14 (S)	%				95	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WET/52191 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60185096001

METHOD BLANK: 1499106 | Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/23/14 09:31	

LABORATORY CONTROL SAMPLE: 1499107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	41.0	102	78-114	

MATRIX SPIKE SAMPLE: 1499113

Parameter	Units	60184986001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	45.2	105	78-114	

SAMPLE DUPLICATE: 1499108

Parameter	Units	60184659001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	1.5J		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WET/52243
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60185096001

METHOD BLANK: 1500387
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/26/14 11:59	

SAMPLE DUPLICATE: 1500388

Parameter	Units	60184973001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	38.0	38.0	0	10	

SAMPLE DUPLICATE: 1500389

Parameter	Units	60185167001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	335	330	2	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WET/52201
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60185096001

SAMPLE DUPLICATE: 1499281

Parameter	Units	60185098003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.9	7.9	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WET/52157
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60185096001

METHOD BLANK: 1498134
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/25/14 07:41	

LABORATORY CONTROL SAMPLE: 1498135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	195	99	85-115	

SAMPLE DUPLICATE: 1498136

Parameter	Units	60185085001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1070	1070	0	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WETA/32296
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60185096001

METHOD BLANK: 1499229
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/23/14 13:34	

LABORATORY CONTROL SAMPLE: 1499230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.2	109	90-110	

MATRIX SPIKE SAMPLE: 1499231

Parameter	Units	60184907003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	12.2	10	20.9	87	90-110	M1

MATRIX SPIKE SAMPLE: 1499233

Parameter	Units	60184914003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5.1	4	8.3	80	90-110	M1

SAMPLE DUPLICATE: 1499232

Parameter	Units	60184907005 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

QC Batch: WETA/32319
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Associated Lab Samples: 60185096001

METHOD BLANK: 1500401
Matrix: Water
Associated Lab Samples: 60185096001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/29/14 09:07	

LABORATORY CONTROL SAMPLE: 1500402

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: 1500403

Parameter	Units	60184975001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17800	12500	28900	89	90-110	M1

SAMPLE DUPLICATE: 1500404

Parameter	Units	60185096001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	14400	14000	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.

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QUALIFIERS

Project: BRIDGETON LF T1-091
Pace Project No.: 60185096

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.
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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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.
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 T1-091
Pace Project No.: 60185096

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60185096001	**T1-091**	EPA 200.7	MPRP/30264	EPA 200.7	ICP/22632
60185096001	**T1-091**	EPA 200.7	MPRP/30274	EPA 200.7	ICP/22636
60185096001	**T1-091**	EPA 245.1	MERP/9169	EPA 245.1	MERC/9123
60185096001	**T1-091**	EPA 245.1	MERP/9168	EPA 245.1	MERC/9122
60185096001	**T1-091**	EPA 625	OEXT/47621	EPA 625	MSSV/15385
60185096001	**T1-091**	EPA 624 Low	MSV/66699		
60185096002	**TRIP BLANK**	EPA 624 Low	MSV/66699		
60185096001	**T1-091**	EPA 1664A	WET/52191		
60185096001	**T1-091**	SM 2540D	WET/52243		
60185096001	**T1-091**	SM 4500-H+B	WET/52201		
60185096001	**T1-091**	SM 5210B	WET/52157	SM 5210B	WET/52235
60185096001	**T1-091**	EPA 350.1	WETA/32296		
60185096001	**T1-091**	EPA 410.4	WETA/32319		

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www.pacelabs.com

Sample Condition Upon Receipt

WO# : 60185096

60185096

Client Name: Barr Engineering

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☒ Friends

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 (circle one) ☐ Samples received on ice, cooling process has begun.

Cooler Temperature: 4.9

Temperature should be above freezing to 6°C

Date and initials of person examining contents: JB 12/20

Chain of Custody present:	☒Yes	☐No	☐N/A	1.
Chain of Custody filled out:	☒Yes	☐No	☐N/A	2.
Chain of Custody relinquished:	☒Yes	☐No	☐N/A	3.
Sampler name & signature on COC:	☒Yes	☐No	☐N/A	4.
Samples arrived within holding time:	☒Yes	☐No	☐N/A	5.
Short Hold Time analyses (<72hr):	☒Yes	☐No	☐N/A	6. BOD pH
Rush Turn Around Time requested:	☐Yes	☒No	☐N/A	7.
Sufficient volume:	☒Yes	☐No	☐N/A	8.
Correct containers used:	☒Yes	☐No	☐N/A	
Pace containers used:	☒Yes	☐No	☐N/A	9.
Containers intact:	☒Yes	☐No	☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☒N/A	11.
Filtered volume received for dissolved tests?	☐Yes	☐No	☒N/A	12.
Sample labels match COC: Includes date/time/ID/analyses Matrix: WT	☒Yes	☐No	☐N/A	13.
All containers needing preservation have been checked.	☒Yes	☐No	☐N/A	BP3S pH 6.0 BP3U initial pH 6.0 added 2.5mL Final pH 2.0
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☒No	☐N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☒Yes	☐No		Initial when completed JB / Lot # of added preservative
Trip Blank present: Pace Trip Blank lot # (if purchased): 12/1/14	☒Yes	☐No	☐N/A	15.
Headspace in VOA vials (>6mm):	☐Yes	☒No	☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☒N/A	17. 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: 12/22/14

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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 — 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

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

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: 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		BOD SM 5210B		Residual Chlorine (Y/N)	60185096
1	(2) BP2U T1-091 BP3U BP3N BP3S (2) AG4U	OT	G	12/19/14	1000	—	—		14	10	A3	1	0					X	X	X	X	X	X	X	X	X		X	(8)	AG-3S	(5) DG4U 001
2	TRIP BLANK	—		—	—	—	—		2	2															X						(2) DG4U TB 002
3																															
4																															
5																															
6																															METALS LIST total & LF Dis:
7																															Al,Sb,As,Be,Cd,Cr,
8																															Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn
9																															and Mercury
10																															
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	Julie Creak/FEI Eng.	12/19/14	1200	Scott Medley	12/19/14	1200				
SITE ADDRESS: BRIDGETON LF				J B Pace	12/20	0145	4.9	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:		DATE Signed: 12/19/14			

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

December 29, 2014

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

RE: Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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 T1-090
Pace Project No.: 60184975

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 T1-090
Pace Project No.: 60184975

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184975001	**T1-090**	Water	12/18/14 11:00	12/19/14 01:45
60184975002	**TRIP BLANK**	Water	12/18/14 11:00	12/19/14 01:45

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184975001	**T1-090**	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	OL	1
		EPA 410.4	JMC1	1
60184975002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Sample: T1-090 **Lab ID: 60184975001** Collected: 12/18/14 11:00 Received: 12/19/14 01:45 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	**28400**	ug/L	375	1	12/20/14 11:20	12/23/14 16:45	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/20/14 11:20	12/23/14 16:45	7440-36-0	
Arsenic	**588**	ug/L	50.0	1	12/20/14 11:20	12/23/14 16:45	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/20/14 11:20	12/23/14 16:45	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/20/14 11:20	12/23/14 16:45	7440-43-9	
Chromium	**162**	ug/L	25.0	1	12/20/14 11:20	12/23/14 16:45	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/20/14 11:20	12/23/14 16:45	7440-48-4	
Copper	ND	ug/L	50.0	1	12/20/14 11:20	12/23/14 16:45	7440-50-8	
Iron	**485000**	ug/L	250	1	12/20/14 11:20	12/23/14 16:45	7439-89-6	
Lead	**77.8**	ug/L	25.0	1	12/20/14 11:20	12/23/14 16:45	7439-92-1	
Nickel	**77.8**	ug/L	25.0	1	12/20/14 11:20	12/23/14 16:45	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/20/14 11:20	12/23/14 16:45	7782-49-2	
Silver	ND	ug/L	35.0	1	12/20/14 11:20	12/23/14 16:45	7440-22-4	
Thallium	ND	ug/L	100	1	12/20/14 11:20	12/23/14 16:45	7440-28-0	
Zinc	**3290**	ug/L	250	1	12/20/14 11:20	12/23/14 16:45	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	12/22/14 17:20	12/23/14 10:59	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/22/14 17:20	12/23/14 10:59	7440-36-0	
Arsenic, Dissolved	**428**	ug/L	50.0	1	12/22/14 17:20	12/23/14 10:59	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/22/14 17:20	12/23/14 10:59	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 10:59	7440-43-9	
Chromium, Dissolved	**64.6**	ug/L	25.0	1	12/22/14 17:20	12/23/14 10:59	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 10:59	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/22/14 17:20	12/23/14 10:59	7440-50-8	
Iron, Dissolved	**44100**	ug/L	250	1	12/22/14 17:20	12/23/14 10:59	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/22/14 17:20	12/23/14 10:59	7439-92-1	
Nickel, Dissolved	**53.0**	ug/L	25.0	1	12/22/14 17:20	12/23/14 10:59	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/22/14 17:20	12/23/14 10:59	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/22/14 17:20	12/23/14 10:59	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/22/14 17:20	12/23/14 10:59	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/22/14 17:20	12/23/14 10:59	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	6.0	1	12/22/14 17:00	12/23/14 09:52	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	12/22/14 17:00	12/23/14 09:38	7439-97-6	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	25.0	1	12/23/14 00:00	12/24/14 10:09	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	77-47-4	
Hexachloroethane	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	12/23/14 00:00	12/24/14 10:09	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	**20.0**	ug/L	20.0	1	12/23/14 00:00	12/24/14 10:09		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Sample: T1-090 **Lab ID: 60184975001** Collected: 12/18/14 11:00 Received: 12/19/14 01:45 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	12/23/14 00:00	12/24/14 10:09	91-20-3	
Nitrobenzene	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	98-95-3	
Pentachlorophenol	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	87-86-5	
Phenol	**42.8**	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	5.0	1	12/23/14 00:00	12/24/14 10:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	24	%	33-120	1	12/23/14 00:00	12/24/14 10:09	4165-60-0	S0
2-Fluorobiphenyl (S)	4	%	39-120	1	12/23/14 00:00	12/24/14 10:09	321-60-8	S0
Terphenyl-d14 (S)	4	%	45-120	1	12/23/14 00:00	12/24/14 10:09	1718-51-0	S0
Phenol-d6 (S)	4	%	11-120	1	12/23/14 00:00	12/24/14 10:09	13127-88-3	S0
2-Fluorophenol (S)	4	%	17-120	1	12/23/14 00:00	12/24/14 10:09	367-12-4	S0
2,4,6-Tribromophenol (S)	5	%	39-120	1	12/23/14 00:00	12/24/14 10:09	118-79-6	S0
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**44600**	ug/L	1000	100		12/22/14 16:27	67-64-1	N2
Benzene	ND	ug/L	100	100		12/22/14 16:27	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/22/14 16:27	75-27-4	
Bromoform	ND	ug/L	100	100		12/22/14 16:27	75-25-2	
Bromomethane	ND	ug/L	500	100		12/22/14 16:27	74-83-9	
2-Butanone (MEK)	**22200**	ug/L	1000	100		12/22/14 16:27	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/22/14 16:27	56-23-5	
Chloroethane	ND	ug/L	100	100		12/22/14 16:27	75-00-3	
Chloroform	ND	ug/L	100	100		12/22/14 16:27	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/22/14 16:27	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/22/14 16:27	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/22/14 16:27	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/22/14 16:27	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/22/14 16:27	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/22/14 16:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/22/14 16:27	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/22/14 16:27	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/22/14 16:27	127-18-4	
Toluene	ND	ug/L	100	100		12/22/14 16:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/22/14 16:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/22/14 16:27	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/22/14 16:27	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/22/14 16:27	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/22/14 16:27	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	99	%	80-120	100		12/22/14 16:27	460-00-4	
Toluene-d8 (S)	97	%	80-120	100		12/22/14 16:27	2037-26-5	
1,2-Dichloroethane-d4 (S)	96	%	80-120	100		12/22/14 16:27	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/22/14 16:27		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**89.6**	mg/L	5.0	1		12/23/14 09:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Sample: T1-090 **Lab ID: 60184975001** Collected: 12/18/14 11:00 Received: 12/19/14 01:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**11500**	mg/L	5.0	1		12/24/14 09:54		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.4**	Std. Units	0.10	1		12/23/14 14:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**6940**	mg/L	2.0	1	12/19/14 15:40	12/24/14 14:25		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**114**	mg/L	5.0	50		12/23/14 13:59	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**17800**	mg/L	2500	250		12/29/14 09:08		M1

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Sample: TRIP BLANK **Lab ID: 60184975002** Collected: 12/18/14 11:00 Received: 12/19/14 01:45 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		12/22/14 15:16	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/22/14 15:16	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/22/14 15:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/22/14 15:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/14 15:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/22/14 15:16	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/22/14 15:16	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/22/14 15:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/22/14 15:16	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/22/14 15:16	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/22/14 15:16	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/22/14 15:16	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/22/14 15:16	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/22/14 15:16	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/22/14 15:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/22/14 15:16	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/22/14 15:16	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/22/14 15:16	127-18-4	
Toluene	ND	ug/L	1.0	1		12/22/14 15:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/22/14 15:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/22/14 15:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/22/14 15:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/22/14 15:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/22/14 15:16	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	95	%	80-120	1		12/22/14 15:16	460-00-4	
Toluene-d8 (S)	101	%	80-120	1		12/22/14 15:16	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	80-120	1		12/22/14 15:16	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/22/14 15:16		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: MERP/9169 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184975001

METHOD BLANK: 1498959 | Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/23/14 09:43	

LABORATORY CONTROL SAMPLE: 1498960

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: 1498961 1498962

Parameter	Units	60184975001 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	100	99.3	67	66	70-130	1	20	M1

MATRIX SPIKE SAMPLE: 1498963

Parameter	Units	60185016005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	2.8	56	70-130	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: MERP/9168
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184975001

METHOD BLANK: 1498951
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/23/14 09:25	

LABORATORY CONTROL SAMPLE: 1498952

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: 1498953 1498954

Parameter	Units	60184708001 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	93.6	90.0	62	60	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: MPRP/30264
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184975001

METHOD BLANK: 1498701
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/23/14 17:13	
Antimony	ug/L	ND	10.0	12/23/14 17:13	
Arsenic	ug/L	ND	10.0	12/23/14 17:13	
Beryllium	ug/L	ND	1.0	12/23/14 17:13	
Cadmium	ug/L	ND	5.0	12/23/14 17:13	
Chromium	ug/L	ND	5.0	12/23/14 17:13	
Cobalt	ug/L	ND	5.0	12/23/14 17:13	
Copper	ug/L	ND	10.0	12/23/14 17:13	
Iron	ug/L	ND	50.0	12/23/14 17:13	
Lead	ug/L	ND	5.0	12/23/14 17:13	
Nickel	ug/L	ND	5.0	12/23/14 17:13	
Selenium	ug/L	ND	15.0	12/23/14 17:13	
Silver	ug/L	ND	7.0	12/23/14 17:13	
Thallium	ug/L	ND	20.0	12/23/14 17:13	
Zinc	ug/L	ND	50.0	12/23/14 17:13	

LABORATORY CONTROL SAMPLE: 1498702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	85-115	
Antimony	ug/L	1000	998	100	85-115	
Arsenic	ug/L	1000	975	97	85-115	
Beryllium	ug/L	1000	989	99	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	987	99	85-115	
Iron	ug/L	10000	9490	95	85-115	
Lead	ug/L	1000	1020	102	85-115	
Nickel	ug/L	1000	1030	103	85-115	
Selenium	ug/L	1000	986	99	85-115	
Silver	ug/L	500	493	99	85-115	
Thallium	ug/L	1000	1020	102	85-115	
Zinc	ug/L	1000	1010	101	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1498703 1498704

Parameter	Units	60184843002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	116	10000	10000	10200	10300	101	102	70-130	1	20	
Antimony	ug/L	ND	1000	1000	1020	1030	102	103	70-130	1	20	
Arsenic	ug/L	ND	1000	1000	1020	1030	102	103	70-130	1	20	
Beryllium	ug/L	ND	1000	1000	997	1000	100	100	70-130	0	20	
Cadmium	ug/L	ND	1000	1000	1020	1020	102	102	70-130	1	20	
Chromium	ug/L	ND	1000	1000	996	1010	99	100	70-130	1	20	
Cobalt	ug/L	ND	1000	1000	985	994	99	99	70-130	1	20	
Copper	ug/L	12.3	1000	1000	1000	1010	99	100	70-130	1	20	
Iron	ug/L	1970	10000	10000	11300	11300	94	94	70-130	0	20	
Lead	ug/L	6.2	1000	1000	978	979	97	97	70-130	0	20	
Nickel	ug/L	7.6	1000	1000	990	997	98	99	70-130	1	20	
Selenium	ug/L	ND	1000	1000	919	925	92	93	70-130	1	20	
Silver	ug/L	ND	500	500	518	516	103	103	70-130	0	20	
Thallium	ug/L	ND	1000	1000	911	919	91	92	70-130	1	20	
Zinc	ug/L	54.6	1000	1000	1040	1050	99	99	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: MPRP/30274
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184975001

METHOD BLANK: 1498883
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/23/14 10:52	
Antimony, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Arsenic, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Beryllium, Dissolved	ug/L	ND	1.0	12/23/14 10:52	
Cadmium, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Chromium, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Cobalt, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Copper, Dissolved	ug/L	ND	10.0	12/23/14 10:52	
Iron, Dissolved	ug/L	ND	50.0	12/23/14 10:52	
Lead, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Nickel, Dissolved	ug/L	ND	5.0	12/23/14 10:52	
Selenium, Dissolved	ug/L	ND	15.0	12/23/14 10:52	
Silver, Dissolved	ug/L	ND	7.0	12/23/14 10:52	
Thallium, Dissolved	ug/L	ND	20.0	12/23/14 10:52	
Zinc, Dissolved	ug/L	ND	50.0	12/23/14 10:52	

LABORATORY CONTROL SAMPLE: 1498884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9850	99	85-115	
Antimony, Dissolved	ug/L	1000	1010	101	85-115	
Arsenic, Dissolved	ug/L	1000	977	98	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	1040	104	85-115	
Copper, Dissolved	ug/L	1000	999	100	85-115	
Iron, Dissolved	ug/L	10000	10100	101	85-115	
Lead, Dissolved	ug/L	1000	1040	104	85-115	
Nickel, Dissolved	ug/L	1000	1040	104	85-115	
Selenium, Dissolved	ug/L	1000	995	100	85-115	
Silver, Dissolved	ug/L	500	491	98	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	1020	102	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1498885 1498886

Parameter	Units	60184975001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	50100	49800	100	99	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5270	5240	105	104	70-130	0	20	
Arsenic, Dissolved	ug/L	428	5000	5000	5630	5580	104	103	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	5070	5040	101	101	70-130	1	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5200	5150	104	103	70-130	1	20	
Chromium, Dissolved	ug/L	64.6	5000	5000	5050	5020	100	99	70-130	1	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	5100	5060	102	101	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	5210	5220	104	104	70-130	0	20	
Iron, Dissolved	ug/L	44100	50000	50000	94600	94000	101	100	70-130	1	20	
Lead, Dissolved	ug/L	ND	5000	5000	4960	4900	99	98	70-130	1	20	
Nickel, Dissolved	ug/L	53.0	5000	5000	5090	5040	101	100	70-130	1	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5320	5310	106	106	70-130	0	20	
Silver, Dissolved	ug/L	ND	2500	2500	2550	2560	102	102	70-130	0	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4650	4610	93	92	70-130	1	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5080	5040	101	100	70-130	1	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: MSV/66615 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184975001, 60184975002

METHOD BLANK: 1497502 | Matrix: Water
Associated Lab Samples: 60184975001, 60184975002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/22/14 12:26	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,2-Dichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/22/14 12:26	
2-Butanone (MEK)	ug/L	ND	10.0	12/22/14 12:26	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/22/14 12:26	N2
Acetone	ug/L	ND	10.0	12/22/14 12:26	N2
Benzene	ug/L	ND	1.0	12/22/14 12:26	
Bromodichloromethane	ug/L	ND	1.0	12/22/14 12:26	
Bromoform	ug/L	ND	1.0	12/22/14 12:26	
Bromomethane	ug/L	ND	5.0	12/22/14 12:26	
Carbon tetrachloride	ug/L	ND	1.0	12/22/14 12:26	
Chloroethane	ug/L	ND	1.0	12/22/14 12:26	
Chloroform	ug/L	ND	1.0	12/22/14 12:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/22/14 12:26	N2
Ethylbenzene	ug/L	ND	1.0	12/22/14 12:26	
Methylene chloride	ug/L	ND	1.0	12/22/14 12:26	
Tetrachloroethene	ug/L	ND	1.0	12/22/14 12:26	
Toluene	ug/L	ND	1.0	12/22/14 12:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/22/14 12:26	
Trichloroethene	ug/L	ND	1.0	12/22/14 12:26	
Vinyl chloride	ug/L	ND	1.0	12/22/14 12:26	
Xylene (Total)	ug/L	ND	3.0	12/22/14 12:26	N2
1,2-Dichloroethane-d4 (S)	%	87	80-120	12/22/14 12:26	
4-Bromofluorobenzene (S)	%	101	80-120	12/22/14 12:26	
Toluene-d8 (S)	%	102	80-120	12/22/14 12:26	

LABORATORY CONTROL SAMPLE: 1497503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.6	88	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	16.2	81	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.0	95	67-124	
1,2-Dichloroethane	ug/L	20	16.2	81	70-126	
1,4-Dichlorobenzene	ug/L	20	17.5	88	74-120	
2-Butanone (MEK)	ug/L	100	71.7	72	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	79.2	79	59-131	N2
Acetone	ug/L	100	69.4	69	38-134	N2
Benzene	ug/L	20	17.3	87	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

LABORATORY CONTROL SAMPLE: 1497503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	18.5	93	68-125	
Bromoform	ug/L	20	19.3	96	65-127	
Bromomethane	ug/L	20	17.0	85	13-157	
Carbon tetrachloride	ug/L	20	17.4	87	70-131	
Chloroethane	ug/L	20	20.7	104	47-133	
Chloroform	ug/L	20	16.5	82	65-127	
cis-1,2-Dichloroethene	ug/L	20	17.6	88	68-127	N2
Ethylbenzene	ug/L	20	18.6	93	74-122	
Methylene chloride	ug/L	20	17.9	89	64-129	
Tetrachloroethene	ug/L	20	18.1	91	73-125	
Toluene	ug/L	20	16.4	82	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.3	86	66-129	
Trichloroethene	ug/L	20	17.5	88	71-123	
Vinyl chloride	ug/L	20	15.9	80	43-129	
Xylene (Total)	ug/L	60	54.6	91	75-121	N2
1,2-Dichloroethane-d4 (S)	%			83	80-120	
4-Bromofluorobenzene (S)	%			87	80-120	
Toluene-d8 (S)	%			84	80-120	

MATRIX SPIKE SAMPLE: 1497504

Parameter	Units	60184814002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1000	1020	102	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	865	86	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	1000	848	85	52-143	
1,2-Dichloroethane	ug/L	ND	1000	965	96	49-144	
1,4-Dichlorobenzene	ug/L	ND	1000	976	96	33-140	
2-Butanone (MEK)	ug/L	11200	5000	15500	87	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	4220	77	40-160	N2
Acetone	ug/L	19900	5000	25700	117	10-160	N2
Benzene	ug/L	ND	1000	974	97	37-151	
Bromodichloromethane	ug/L	ND	1000	981	98	35-142	
Bromoform	ug/L	ND	1000	869	87	45-142	
Bromomethane	ug/L	ND	1000	817	82	10-158	
Carbon tetrachloride	ug/L	ND	1000	1050	105	70-140	
Chloroethane	ug/L	ND	1000	1100	110	19-152	
Chloroform	ug/L	ND	1000	903	90	51-138	
cis-1,2-Dichloroethene	ug/L	ND	1000	974	97	34-147	N2
Ethylbenzene	ug/L	ND	1000	944	94	40-142	
Methylene chloride	ug/L	ND	1000	991	98	31-144	
Tetrachloroethene	ug/L	ND	1000	1040	104	64-148	
Toluene	ug/L	ND	1000	992	99	47-150	
trans-1,2-Dichloroethene	ug/L	ND	1000	961	96	54-151	
Trichloroethene	ug/L	ND	1000	1060	106	71-149	
Vinyl chloride	ug/L	ND	1000	895	89	22-146	

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(913)599-5665

QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

MATRIX SPIKE SAMPLE: 1497504

Parameter	Units	60184814002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	3000	2990	100	37-144	N2
1,2-Dichloroethane-d4 (S)	%				99	80-120	
4-Bromofluorobenzene (S)	%				89	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: OEXT/47621 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184975001

METHOD BLANK: 1499066 | Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/24/14 08:47	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/24/14 08:47	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/24/14 08:47	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/24/14 08:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachloroethane	ug/L	ND	5.0	12/24/14 08:47	
Naphthalene	ug/L	ND	5.0	12/24/14 08:47	
Nitrobenzene	ug/L	ND	5.0	12/24/14 08:47	
Pentachlorophenol	ug/L	ND	5.0	12/24/14 08:47	
Phenol	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Tribromophenol (S)	%	97	39-120	12/24/14 08:47	
2-Fluorobiphenyl (S)	%	95	39-120	12/24/14 08:47	
2-Fluorophenol (S)	%	53	17-120	12/24/14 08:47	
Nitrobenzene-d5 (S)	%	99	33-120	12/24/14 08:47	
Phenol-d6 (S)	%	35	11-120	12/24/14 08:47	
Terphenyl-d14 (S)	%	101	45-120	12/24/14 08:47	

LABORATORY CONTROL SAMPLE: 1499067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	49.8	100	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.5	73	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	64.7	129	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	44-116	
Hexachlorocyclopentadiene	ug/L	100	41.4	41	24-120	
Hexachloroethane	ug/L	50	41.8	84	43-113	
Naphthalene	ug/L	50	47.1	94	48-120	
Nitrobenzene	ug/L	50	50.3	101	48-120	
Pentachlorophenol	ug/L	50	49.1	98	47-120	
Phenol	ug/L	50	18.3	37	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			100	39-120	
2-Fluorophenol (S)	%			55	17-120	
Nitrobenzene-d5 (S)	%			103	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

MATRIX SPIKE SAMPLE: 1499068

Parameter	Units	60185016005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	42.2	84	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	46.4	93	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	40.2	80	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	36.7	73	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	65.2	130	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	40.5	81	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	42.6	43	11-120	
Hexachloroethane	ug/L	ND	50	43.1	86	40-113	
Naphthalene	ug/L	ND	50	44.2	88	45-120	
Nitrobenzene	ug/L	ND	50	47.3	95	38-120	
Pentachlorophenol	ug/L	ND	50	53.5	107	43-135	
Phenol	ug/L	ND	50	18.7	37	13-112	
2,4,6-Tribromophenol (S)	%				90	39-120	
2-Fluorobiphenyl (S)	%				86	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				93	33-120	
Phenol-d6 (S)	%				35	11-120	
Terphenyl-d14 (S)	%				95	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WET/52191 | Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A | Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184975001

METHOD BLANK: 1499106 | Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/23/14 09:31	

LABORATORY CONTROL SAMPLE: 1499107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	41.0	102	78-114	

MATRIX SPIKE SAMPLE: 1499113

Parameter	Units	60184986001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	40.8	45.2	105	78-114	

SAMPLE DUPLICATE: 1499108

Parameter	Units	60184659001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	1.5J		18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WET/52215
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184975001

METHOD BLANK: 1499637
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/24/14 09:48	

SAMPLE DUPLICATE: 1499638

Parameter	Units	60184943003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	8.0	9.0	12	10	D6

SAMPLE DUPLICATE: 1499639

Parameter	Units	60184924003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	120	110	9	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WET/52201
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184975001

SAMPLE DUPLICATE: 1499281

Parameter	Units	60185098003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.9	7.9	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WET/52151
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184975001

METHOD BLANK: 1497814
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/24/14 14:20	

LABORATORY CONTROL SAMPLE: 1497815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	199	100	85-115	

SAMPLE DUPLICATE: 1497816

Parameter	Units	60184985001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	1460	1490	2	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WETA/32296
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184975001

METHOD BLANK: 1499229
Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/23/14 13:34	

LABORATORY CONTROL SAMPLE: 1499230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.2	109	90-110	

MATRIX SPIKE SAMPLE: 1499231

Parameter	Units	60184907003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	12.2	10	20.9	87	90-110	M1

MATRIX SPIKE SAMPLE: 1499233

Parameter	Units	60184914003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5.1	4	8.3	80	90-110	M1

SAMPLE DUPLICATE: 1499232

Parameter	Units	60184907005 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

QC Batch: WETA/32319 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184975001

METHOD BLANK: 1500401 | Matrix: Water
Associated Lab Samples: 60184975001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/29/14 09:07	

LABORATORY CONTROL SAMPLE: 1500402

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: 1500403

Parameter	Units	60184975001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17800	12500	28900	89	90-110	M1

SAMPLE DUPLICATE: 1500404

Parameter	Units	60185096001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	14400	14000	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

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.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-090
Pace Project No.: 60184975

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184975001	**T1-090**	EPA 200.7	MPRP/30264	EPA 200.7	ICP/22632
60184975001	**T1-090**	EPA 200.7	MPRP/30274	EPA 200.7	ICP/22636
60184975001	**T1-090**	EPA 245.1	MERP/9169	EPA 245.1	MERC/9123
60184975001	**T1-090**	EPA 245.1	MERP/9168	EPA 245.1	MERC/9122
60184975001	**T1-090**	EPA 625	OEXT/47621	EPA 625	MSSV/15385
60184975001	**T1-090**	EPA 624 Low	MSV/66615		
60184975002	**TRIP BLANK**	EPA 624 Low	MSV/66615		
60184975001	**T1-090**	EPA 1664A	WET/52191		
60184975001	**T1-090**	SM 2540D	WET/52215		
60184975001	**T1-090**	SM 4500-H+B	WET/52201		
60184975001	**T1-090**	SM 5210B	WET/52151	SM 5210B	WET/52231
60184975001	**T1-090**	EPA 350.1	WETA/32296		
60184975001	**T1-090**	EPA 410.4	WETA/32319		

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Sample Condition Upon Receipt

WO#: 60184975

60184975

Client Name: Barr Eng

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 ☑ 2PIC

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

Cooler Temperature: 0.7

Temperature should be above freezing to 6°C

Date and initials of person examining contents: DVI 2/19/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2. No volume for 625 SVOC,
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3. container was empty.
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6. BOD pH
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.
Sufficient volume:	☑Yes	☐No	☐N/A	8.
Correct containers used:	☑Yes	☐No	☐N/A	
Pace containers used:	☑Yes	☐No	☐N/A	9.
Containers intact:	☑Yes	☐No	☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.
Sample labels match COC:	☑Yes	☐No	☐N/A	
Includes date/time/ID/analyses Matrix: WT				13.
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No		Initial when completed / Lot # of added preservative
Trip Blank present:	☑Yes	☐No	☐N/A	
Pace Trip Blank lot # (if purchased): 101314-3				15.
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A	17. List State: MO

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

Person Contacted: Bill Date/Time: _____

Comments/ Resolution: 625 empty containers - oversite @ collection; Harry Approved using 1/2 oz amber for 625.

Project Manager Review: _____ Date: 2/20/14

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 — 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

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

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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		BOD SM 5210B		Residual Chlorine (Y/N)	60184975
1	T1-090 ~~1BPSU~~ 1BPSU 1BPSS 6D 3AGSS	OT	G	12/18/14	11:00 AM	12/18	~~11:20~~		14	10	4	1	0	1B	P3	N-4.5			X	X	X	X	X	X	X	X	X		X	2B	PL	5D 6AU C01
2	TRIP BLANK						PL 12/18/14		2	2																X						2D 6AU 002
3																																
4																																
5																																
6																																METALS LIST total & LF Dis:
7																																Al,Sb,As,Be,Cd,Cr,
8																																Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn
9																																and Mercury
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	[illegible] / CBG	12-18-14	1200	[illegible]	12/18	1200				
SITE ADDRESS: BRIDGETON LF				[illegible] PASH	12/19/14	0945	0.7	Y	Y	X
13570 ST. CHARLES ROCK RD										
BRIDGETON MO 63044										
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Paul Linstott

SIGNATURE of SAMPLER: Paul Linstott DATE Signed: 12/18/14

Pace Analytical Services, Inc.
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Lenexa, KS 66219
(913)599-5665

December 26, 2014

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

RE: Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 18, 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,

Emily Webb
emily.webb@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 T1-089
Pace Project No.: 60184846

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 T1-089
Pace Project No.: 60184846

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184846001	**T1-089**	Water	12/17/14 09:30	12/18/14 02:20
60184846002	**TRIP BLANK**	Water	12/17/14 09:30	12/18/14 02:20

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184846001	**T1-089**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184846002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Sample: T1-089 **Lab ID: 60184846001** Collected: 12/17/14 09:30 Received: 12/18/14 02:20 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	**33600**	ug/L	375	1	12/19/14 14:10	12/22/14 07:30	7429-90-5	
Antimony	ND	ug/L	50.0	1	12/19/14 14:10	12/22/14 07:30	7440-36-0	
Arsenic	**580**	ug/L	50.0	1	12/19/14 14:10	12/22/14 07:30	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/19/14 14:10	12/22/14 07:30	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/19/14 14:10	12/22/14 07:30	7440-43-9	
Chromium	**175**	ug/L	25.0	1	12/19/14 14:10	12/22/14 07:30	7440-47-3	
Cobalt	ND	ug/L	25.0	1	12/19/14 14:10	12/22/14 07:30	7440-48-4	
Copper	ND	ug/L	50.0	1	12/19/14 14:10	12/22/14 07:30	7440-50-8	
Iron	**514000**	ug/L	250	1	12/19/14 14:10	12/22/14 07:30	7439-89-6	
Lead	**78.6**	ug/L	25.0	1	12/19/14 14:10	12/22/14 07:30	7439-92-1	
Nickel	**84.2**	ug/L	25.0	1	12/19/14 14:10	12/22/14 07:30	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/19/14 14:10	12/22/14 07:30	7782-49-2	
Silver	ND	ug/L	35.0	1	12/19/14 14:10	12/22/14 07:30	7440-22-4	
Thallium	ND	ug/L	100	1	12/19/14 14:10	12/22/14 07:30	7440-28-0	
Zinc	**3290**	ug/L	250	1	12/19/14 14:10	12/22/14 07:30	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	12/22/14 09:35	12/22/14 16:37	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:37	7440-36-0	
Arsenic, Dissolved	**456**	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:37	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/22/14 09:35	12/22/14 16:37	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:37	7440-43-9	
Chromium, Dissolved	**61.8**	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:37	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:37	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:37	7440-50-8	
Iron, Dissolved	**24500**	ug/L	250	1	12/22/14 09:35	12/22/14 16:37	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:37	7439-92-1	
Nickel, Dissolved	**54.8**	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:37	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/22/14 09:35	12/22/14 16:37	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/22/14 09:35	12/22/14 16:37	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/22/14 09:35	12/22/14 16:37	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/22/14 09:35	12/22/14 16:37	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	0.20	1	12/19/14 10:00	12/19/14 14:04	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	12/22/14 17:00	12/23/14 09:36	7439-97-6	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/23/14 00:00	12/24/14 09:28	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/23/14 00:00	12/24/14 09:28	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/23/14 00:00	12/24/14 09:28		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Sample: T1-089 **Lab ID: 60184846001** Collected: 12/17/14 09:30 Received: 12/18/14 02:20 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	12/23/14 00:00	12/24/14 09:28	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	87-86-5	
Phenol	**1300**	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/23/14 00:00	12/24/14 09:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	33-120	1	12/23/14 00:00	12/24/14 09:28	4165-60-0	
2-Fluorobiphenyl (S)	84	%	39-120	1	12/23/14 00:00	12/24/14 09:28	321-60-8	
Terphenyl-d14 (S)	88	%	45-120	1	12/23/14 00:00	12/24/14 09:28	1718-51-0	
Phenol-d6 (S)	35	%	11-120	1	12/23/14 00:00	12/24/14 09:28	13127-88-3	
2-Fluorophenol (S)	49	%	17-120	1	12/23/14 00:00	12/24/14 09:28	367-12-4	
2,4,6-Tribromophenol (S)	88	%	39-120	1	12/23/14 00:00	12/24/14 09:28	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**26800**	ug/L	1000	100		12/22/14 15:59	67-64-1	N2
Benzene	ND	ug/L	100	100		12/22/14 15:59	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/22/14 15:59	75-27-4	
Bromoform	ND	ug/L	100	100		12/22/14 15:59	75-25-2	
Bromomethane	ND	ug/L	500	100		12/22/14 15:59	74-83-9	
2-Butanone (MEK)	**10800**	ug/L	1000	100		12/22/14 15:59	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/22/14 15:59	56-23-5	
Chloroethane	ND	ug/L	100	100		12/22/14 15:59	75-00-3	
Chloroform	ND	ug/L	100	100		12/22/14 15:59	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/22/14 15:59	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/22/14 15:59	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/22/14 15:59	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/22/14 15:59	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/22/14 15:59	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/22/14 15:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/22/14 15:59	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/22/14 15:59	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/22/14 15:59	127-18-4	
Toluene	ND	ug/L	100	100		12/22/14 15:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/22/14 15:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/22/14 15:59	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/22/14 15:59	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/22/14 15:59	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/22/14 15:59	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	94	%	80-120	100		12/22/14 15:59	460-00-4	
Toluene-d8 (S)	107	%	80-120	100		12/22/14 15:59	2037-26-5	
1,2-Dichloroethane-d4 (S)	105	%	80-120	100		12/22/14 15:59	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/22/14 15:59		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**56.9**	mg/L	5.0	1		12/22/14 17:22		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Sample: T1-089 **Lab ID: 60184846001** Collected: 12/17/14 09:30 Received: 12/18/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**5160**	mg/L	5.0	1		12/24/14 09:38		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.4**	Std. Units	0.10	1		12/22/14 14:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**5000**	mg/L	2.0	1	12/18/14 17:41	12/23/14 11:30		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**85.0**	mg/L	5.0	50		12/23/14 10:23	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**14700**	mg/L	2500	250		12/26/14 07:29		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

Sample: TRIP BLANK **Lab ID: 60184846002** Collected: 12/17/14 09:30 Received: 12/18/14 02:20 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		12/22/14 14:34	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/22/14 14:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/22/14 14:34	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/22/14 14:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/14 14:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/22/14 14:34	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/22/14 14:34	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/22/14 14:34	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/22/14 14:34	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/22/14 14:34	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/22/14 14:34	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/22/14 14:34	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/22/14 14:34	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/22/14 14:34	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/22/14 14:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/22/14 14:34	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/22/14 14:34	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/22/14 14:34	127-18-4	
Toluene	ND	ug/L	1.0	1		12/22/14 14:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/22/14 14:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/22/14 14:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/22/14 14:34	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/22/14 14:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/22/14 14:34	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	93	%	80-120	1		12/22/14 14:34	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		12/22/14 14:34	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%	80-120	1		12/22/14 14:34	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/22/14 14:34		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: MERP/9162 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184846001

METHOD BLANK: 1497312 | Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/19/14 13:40	

LABORATORY CONTROL SAMPLE: 1497313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497314 1497315

Parameter	Units	60184692001 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	5	5	3.6	3.1	71	62	70-130	14	20	M1

MATRIX SPIKE SAMPLE: 1497316

Parameter	Units	60184708001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	3.2	64	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 T1-089
Pace Project No.: 60184846

QC Batch: MERP/9168
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184846001

METHOD BLANK: 1498951
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/23/14 09:25	

LABORATORY CONTROL SAMPLE: 1498952

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: 1498953 1498954

Parameter	Units	60184708001 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	93.6	90.0	62	60	70-130	4	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: MPRP/30230
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184846001

METHOD BLANK: 1497333
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/22/14 07:12	
Antimony	ug/L	ND	10.0	12/22/14 07:12	
Arsenic	ug/L	ND	10.0	12/22/14 07:12	
Beryllium	ug/L	ND	1.0	12/22/14 07:12	
Cadmium	ug/L	ND	5.0	12/22/14 07:12	
Chromium	ug/L	ND	5.0	12/22/14 07:12	
Cobalt	ug/L	ND	5.0	12/22/14 07:12	
Copper	ug/L	ND	10.0	12/22/14 07:12	
Iron	ug/L	ND	50.0	12/22/14 07:12	
Lead	ug/L	ND	5.0	12/22/14 07:12	
Nickel	ug/L	ND	5.0	12/22/14 07:12	
Selenium	ug/L	ND	15.0	12/22/14 07:12	
Silver	ug/L	ND	7.0	12/22/14 07:12	
Thallium	ug/L	ND	20.0	12/22/14 07:12	
Zinc	ug/L	ND	50.0	12/22/14 07:12	

LABORATORY CONTROL SAMPLE: 1497334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	9320	93	85-115	
Antimony	ug/L	1000	967	97	85-115	
Arsenic	ug/L	1000	928	93	85-115	
Beryllium	ug/L	1000	992	99	85-115	
Cadmium	ug/L	1000	950	95	85-115	
Chromium	ug/L	1000	944	94	85-115	
Cobalt	ug/L	1000	983	98	85-115	
Copper	ug/L	1000	952	95	85-115	
Iron	ug/L	10000	9520	95	85-115	
Lead	ug/L	1000	984	98	85-115	
Nickel	ug/L	1000	1010	101	85-115	
Selenium	ug/L	1000	981	98	85-115	
Silver	ug/L	500	474	95	85-115	
Thallium	ug/L	1000	965	97	85-115	
Zinc	ug/L	1000	983	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497335 1497336

Parameter	Units	60184837001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	3510	10000	10000	13600	13400	101	99	70-130	1	20	
Antimony	ug/L	ND	1000	1000	1030	1010	103	101	70-130	2	20	
Arsenic	ug/L	ND	1000	1000	1030	1000	103	100	70-130	3	20	
Beryllium	ug/L	ND	1000	1000	1020	1000	102	100	70-130	2	20	
Cadmium	ug/L	ND	1000	1000	1020	992	102	99	70-130	2	20	
Chromium	ug/L	6.3	1000	1000	1060	979	106	97	70-130	8	20	
Cobalt	ug/L	ND	1000	1000	1000	981	100	98	70-130	2	20	
Copper	ug/L	302	1000	1000	1430	1310	113	101	70-130	9	20	
Iron	ug/L	2720	10000	10000	12400	12200	97	95	70-130	2	20	
Lead	ug/L	5.1	1000	1000	977	959	97	95	70-130	2	20	
Nickel	ug/L	12.6	1000	1000	1020	1000	101	99	70-130	2	20	
Selenium	ug/L	ND	1000	1000	1050	1030	104	102	70-130	2	20	
Silver	ug/L	ND	500	500	546	502	109	100	70-130	8	20	
Thallium	ug/L	ND	1000	1000	914	896	91	90	70-130	2	20	
Zinc	ug/L	77.0	1000	1000	1080	1060	101	98	70-130	2	20	

MATRIX SPIKE SAMPLE: 1497337

Parameter	Units	60184847003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	97.9	10000	9600	95	70-130	
Antimony	ug/L	ND	1000	999	100	70-130	
Arsenic	ug/L	ND	1000	978	98	70-130	
Beryllium	ug/L	ND	1000	1010	101	70-130	
Cadmium	ug/L	ND	1000	972	97	70-130	
Chromium	ug/L	ND	1000	956	95	70-130	
Cobalt	ug/L	7.2	1000	988	98	70-130	
Copper	ug/L	12.1	1000	973	96	70-130	
Iron	ug/L	1860	10000	11100	92	70-130	
Lead	ug/L	ND	1000	966	97	70-130	
Nickel	ug/L	18.5	1000	1020	100	70-130	
Selenium	ug/L	ND	1000	1010	101	70-130	
Silver	ug/L	ND	500	490	98	70-130	
Thallium	ug/L	ND	1000	919	92	70-130	
Zinc	ug/L	55.7	1000	1040	99	70-130	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: MPRP/30249
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184846001

METHOD BLANK: 1497940
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/22/14 16:23	
Antimony, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Arsenic, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Beryllium, Dissolved	ug/L	ND	1.0	12/22/14 16:23	
Cadmium, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Chromium, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Cobalt, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Copper, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Iron, Dissolved	ug/L	ND	50.0	12/22/14 16:23	
Lead, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Nickel, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Selenium, Dissolved	ug/L	ND	15.0	12/22/14 16:23	
Silver, Dissolved	ug/L	ND	7.0	12/22/14 16:23	
Thallium, Dissolved	ug/L	ND	20.0	12/22/14 16:23	
Zinc, Dissolved	ug/L	ND	50.0	12/22/14 16:23	

LABORATORY CONTROL SAMPLE: 1497941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9610	96	85-115	
Antimony, Dissolved	ug/L	1000	963	96	85-115	
Arsenic, Dissolved	ug/L	1000	966	97	85-115	
Beryllium, Dissolved	ug/L	1000	991	99	85-115	
Cadmium, Dissolved	ug/L	1000	989	99	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1000	100	85-115	
Copper, Dissolved	ug/L	1000	962	96	85-115	
Iron, Dissolved	ug/L	10000	9980	100	85-115	
Lead, Dissolved	ug/L	1000	993	99	85-115	
Nickel, Dissolved	ug/L	1000	990	99	85-115	
Selenium, Dissolved	ug/L	1000	957	96	85-115	
Silver, Dissolved	ug/L	500	473	95	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497942 1497943

Parameter	Units	60184708001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	48400	49000	96	98	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5020	5050	100	101	70-130	1	20	
Arsenic, Dissolved	ug/L	432	5000	5000	5580	5620	103	104	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4880	4970	98	99	70-130	2	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5150	102	103	70-130	1	20	
Chromium, Dissolved	ug/L	71.0	5000	5000	5060	5140	100	101	70-130	2	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4910	4970	98	99	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	5010	5100	100	102	70-130	2	20	
Iron, Dissolved	ug/L	53000	50000	50000	99600	98200	93	90	70-130	1	20	
Lead, Dissolved	ug/L	ND	5000	5000	4720	4760	94	95	70-130	1	20	
Nickel, Dissolved	ug/L	54.4	5000	5000	4820	4870	95	96	70-130	1	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5120	5180	102	103	70-130	1	20	
Silver, Dissolved	ug/L	ND	2500	2500	2470	2500	99	100	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4570	4680	91	94	70-130	2	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5010	5020	98	98	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: MSV/66615 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184846001, 60184846002

METHOD BLANK: 1497502 | Matrix: Water
Associated Lab Samples: 60184846001, 60184846002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/22/14 12:26	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,2-Dichloroethane	ug/L	ND	1.0	12/22/14 12:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/22/14 12:26	
2-Butanone (MEK)	ug/L	ND	10.0	12/22/14 12:26	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/22/14 12:26	N2
Acetone	ug/L	ND	10.0	12/22/14 12:26	N2
Benzene	ug/L	ND	1.0	12/22/14 12:26	
Bromodichloromethane	ug/L	ND	1.0	12/22/14 12:26	
Bromoform	ug/L	ND	1.0	12/22/14 12:26	
Bromomethane	ug/L	ND	5.0	12/22/14 12:26	
Carbon tetrachloride	ug/L	ND	1.0	12/22/14 12:26	
Chloroethane	ug/L	ND	1.0	12/22/14 12:26	
Chloroform	ug/L	ND	1.0	12/22/14 12:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/22/14 12:26	N2
Ethylbenzene	ug/L	ND	1.0	12/22/14 12:26	
Methylene chloride	ug/L	ND	1.0	12/22/14 12:26	
Tetrachloroethene	ug/L	ND	1.0	12/22/14 12:26	
Toluene	ug/L	ND	1.0	12/22/14 12:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/22/14 12:26	
Trichloroethene	ug/L	ND	1.0	12/22/14 12:26	
Vinyl chloride	ug/L	ND	1.0	12/22/14 12:26	
Xylene (Total)	ug/L	ND	3.0	12/22/14 12:26	N2
1,2-Dichloroethane-d4 (S)	%	87	80-120	12/22/14 12:26	
4-Bromofluorobenzene (S)	%	101	80-120	12/22/14 12:26	
Toluene-d8 (S)	%	102	80-120	12/22/14 12:26	

LABORATORY CONTROL SAMPLE: 1497503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.6	88	67-129	
1,1,2,2-Tetrachloroethane	ug/L	20	16.2	81	67-127	N2
1,1,2-Trichloroethane	ug/L	20	19.0	95	67-124	
1,2-Dichloroethane	ug/L	20	16.2	81	70-126	
1,4-Dichlorobenzene	ug/L	20	17.5	88	74-120	
2-Butanone (MEK)	ug/L	100	71.7	72	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	79.2	79	59-131	N2
Acetone	ug/L	100	69.4	69	38-134	N2
Benzene	ug/L	20	17.3	87	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

LABORATORY CONTROL SAMPLE: 1497503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	18.5	93	68-125	
Bromoform	ug/L	20	19.3	96	65-127	
Bromomethane	ug/L	20	17.0	85	13-157	
Carbon tetrachloride	ug/L	20	17.4	87	70-131	
Chloroethane	ug/L	20	20.7	104	47-133	
Chloroform	ug/L	20	16.5	82	65-127	
cis-1,2-Dichloroethene	ug/L	20	17.6	88	68-127	N2
Ethylbenzene	ug/L	20	18.6	93	74-122	
Methylene chloride	ug/L	20	17.9	89	64-129	
Tetrachloroethene	ug/L	20	18.1	91	73-125	
Toluene	ug/L	20	16.4	82	69-126	
trans-1,2-Dichloroethene	ug/L	20	17.3	86	66-129	
Trichloroethene	ug/L	20	17.5	88	71-123	
Vinyl chloride	ug/L	20	15.9	80	43-129	
Xylene (Total)	ug/L	60	54.6	91	75-121	N2
1,2-Dichloroethane-d4 (S)	%			83	80-120	
4-Bromofluorobenzene (S)	%			87	80-120	
Toluene-d8 (S)	%			84	80-120	

MATRIX SPIKE SAMPLE: 1497504

Parameter	Units	60184814002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1000	1020	102	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	865	86	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	1000	848	85	52-143	
1,2-Dichloroethane	ug/L	ND	1000	965	96	49-144	
1,4-Dichlorobenzene	ug/L	ND	1000	976	96	33-140	
2-Butanone (MEK)	ug/L	11200	5000	15500	87	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	4220	77	40-160	N2
Acetone	ug/L	19900	5000	25700	117	10-160	N2
Benzene	ug/L	ND	1000	974	97	37-151	
Bromodichloromethane	ug/L	ND	1000	981	98	35-142	
Bromoform	ug/L	ND	1000	869	87	45-142	
Bromomethane	ug/L	ND	1000	817	82	10-158	
Carbon tetrachloride	ug/L	ND	1000	1050	105	70-140	
Chloroethane	ug/L	ND	1000	1100	110	19-152	
Chloroform	ug/L	ND	1000	903	90	51-138	
cis-1,2-Dichloroethene	ug/L	ND	1000	974	97	34-147	N2
Ethylbenzene	ug/L	ND	1000	944	94	40-142	
Methylene chloride	ug/L	ND	1000	991	98	31-144	
Tetrachloroethene	ug/L	ND	1000	1040	104	64-148	
Toluene	ug/L	ND	1000	992	99	47-150	
trans-1,2-Dichloroethene	ug/L	ND	1000	961	96	54-151	
Trichloroethene	ug/L	ND	1000	1060	106	71-149	
Vinyl chloride	ug/L	ND	1000	895	89	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

MATRIX SPIKE SAMPLE: 1497504

Parameter	Units	60184814002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	3000	2990	100	37-144	N2
1,2-Dichloroethane-d4 (S)	%				99	80-120	
4-Bromofluorobenzene (S)	%				89	80-120	
Toluene-d8 (S)	%				103	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: OEXT/47621 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184846001

METHOD BLANK: 1499066 | Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/24/14 08:47	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/24/14 08:47	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/24/14 08:47	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/24/14 08:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/24/14 08:47	
Hexachloroethane	ug/L	ND	5.0	12/24/14 08:47	
Naphthalene	ug/L	ND	5.0	12/24/14 08:47	
Nitrobenzene	ug/L	ND	5.0	12/24/14 08:47	
Pentachlorophenol	ug/L	ND	5.0	12/24/14 08:47	
Phenol	ug/L	ND	5.0	12/24/14 08:47	
2,4,6-Tribromophenol (S)	%	97	39-120	12/24/14 08:47	
2-Fluorobiphenyl (S)	%	95	39-120	12/24/14 08:47	
2-Fluorophenol (S)	%	53	17-120	12/24/14 08:47	
Nitrobenzene-d5 (S)	%	99	33-120	12/24/14 08:47	
Phenol-d6 (S)	%	35	11-120	12/24/14 08:47	
Terphenyl-d14 (S)	%	101	45-120	12/24/14 08:47	

LABORATORY CONTROL SAMPLE: 1499067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	49.8	100	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.5	73	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	64.7	129	40-133	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	44-116	
Hexachlorocyclopentadiene	ug/L	100	41.4	41	24-120	
Hexachloroethane	ug/L	50	41.8	84	43-113	
Naphthalene	ug/L	50	47.1	94	48-120	
Nitrobenzene	ug/L	50	50.3	101	48-120	
Pentachlorophenol	ug/L	50	49.1	98	47-120	
Phenol	ug/L	50	18.3	37	16-112	
2,4,6-Tribromophenol (S)	%			105	39-120	
2-Fluorobiphenyl (S)	%			100	39-120	
2-Fluorophenol (S)	%			55	17-120	
Nitrobenzene-d5 (S)	%			103	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			105	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

MATRIX SPIKE SAMPLE: 1499068

Parameter	Units	60185016005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	50	42.2	84	44-120	
2,4,6-Trichlorophenol	ug/L	ND	50	46.4	93	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	50	40.2	80	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	36.7	73	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	50	65.2	130	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	50	40.5	81	39-116	
Hexachlorocyclopentadiene	ug/L	ND	100	42.6	43	11-120	
Hexachloroethane	ug/L	ND	50	43.1	86	40-113	
Naphthalene	ug/L	ND	50	44.2	88	45-120	
Nitrobenzene	ug/L	ND	50	47.3	95	38-120	
Pentachlorophenol	ug/L	ND	50	53.5	107	43-135	
Phenol	ug/L	ND	50	18.7	37	13-112	
2,4,6-Tribromophenol (S)	%				90	39-120	
2-Fluorobiphenyl (S)	%				86	39-120	
2-Fluorophenol (S)	%				50	17-120	
Nitrobenzene-d5 (S)	%				93	33-120	
Phenol-d6 (S)	%				35	11-120	
Terphenyl-d14 (S)	%				95	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: WET/52185
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184846001

METHOD BLANK: 1498977
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/22/14 17:21	

LABORATORY CONTROL SAMPLE: 1498978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	41.0	102	78-114	

MATRIX SPIKE SAMPLE: 1498980

Parameter	Units	60184392001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	5.7	40.8	40.9	86	78-114	

SAMPLE DUPLICATE: 1498979

Parameter	Units	60184521002 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 T1-089
Pace Project No.: 60184846

QC Batch: WET/52213
QC Batch Method: SM 2540D
Analysis Method: SM 2540D
Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184846001

METHOD BLANK: 1499631
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/24/14 09:37	

SAMPLE DUPLICATE: 1499632

Parameter	Units	60184843002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	26.0	26.0	0	10	

SAMPLE DUPLICATE: 1499633

Parameter	Units	60184848003 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 T1-089
Pace Project No.: 60184846

QC Batch: WET/52131
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184846001

SAMPLE DUPLICATE: 1496656

Parameter	Units	60184666001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.6	8.6	0	5	H6

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: WET/52135
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184846001

METHOD BLANK: 1496814
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/23/14 11:19	

LABORATORY CONTROL SAMPLE: 1496815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	198	100	85-115	

SAMPLE DUPLICATE: 1496816

Parameter	Units	60184840001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	697	688	1	17	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: WETA/32286
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184846001

METHOD BLANK: 1499009
Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/23/14 09:56	

LABORATORY CONTROL SAMPLE: 1499010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	105	90-110	

MATRIX SPIKE SAMPLE: 1499011

Parameter	Units	60184273002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	15.5	10	23.4	78	90-110	M1

MATRIX SPIKE SAMPLE: 1499013

Parameter	Units	60184489003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	2	2.1	104	90-110	

SAMPLE DUPLICATE: 1499012

Parameter	Units	60184287002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	ND	ND		18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

QC Batch: WETA/32313 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184846001

METHOD BLANK: 1500252 | Matrix: Water
Associated Lab Samples: 60184846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/26/14 07:20	

LABORATORY CONTROL SAMPLE: 1500253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	50	46.4	93	90-110	

MATRIX SPIKE SAMPLE: 1500254

Parameter	Units	60184258001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	405	250	635	92	90-110	

MATRIX SPIKE SAMPLE: 1500256

Parameter	Units	60184846001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	14700	12500	26400	93	90-110	

SAMPLE DUPLICATE: 1500255

Parameter	Units	60184307001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	175	177	1	25	

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QUALIFIERS

Project: BRIDGETON LF T1-089
Pace Project No.: 60184846

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.
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 T1-089
Pace Project No.: 60184846

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184846001	**T1-089**	EPA 200.7	MPRP/30230	EPA 200.7	ICP/22614
60184846001	**T1-089**	EPA 200.7	MPRP/30249	EPA 200.7	ICP/22630
60184846001	**T1-089**	EPA 245.1	MERP/9162	EPA 245.1	MERC/9117
60184846001	**T1-089**	EPA 245.1	MERP/9168	EPA 245.1	MERC/9122
60184846001	**T1-089**	EPA 625	OEXT/47621	EPA 625	MSSV/15385
60184846001	**T1-089**	EPA 624 Low	MSV/66615		
60184846002	**TRIP BLANK**	EPA 624 Low	MSV/66615		
60184846001	**T1-089**	EPA 1664A	WET/52185		
60184846001	**T1-089**	SM 2540D	WET/52213		
60184846001	**T1-089**	SM 4500-H+B	WET/52131		
60184846001	**T1-089**	SM 5210B	WET/52135	SM 5210B	WET/52202
60184846001	**T1-089**	EPA 350.1	WETA/32286		
60184846001	**T1-089**	EPA 410.4	WETA/32313		

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Sample Condition Upon Receipt

WO# : 60184846

60184846

Client Name: Barr

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☑ X

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: 3.5

Temperature should be above freezing to 6°C

Date and initials of person examining contents: BB 12/18/14

Chain of Custody present:	☑Yes	☐No	☐N/A	1.
Chain of Custody filled out:	☑Yes	☐No	☐N/A	2.
Chain of Custody relinquished:	☑Yes	☐No	☐N/A	3.
Sampler name & signature on COC:	☑Yes	☐No	☐N/A	4.
Samples arrived within holding time:	☑Yes	☐No	☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes	☐No	☐N/A	6. BOD pH
Rush Turn Around Time requested:	☐Yes	☑No	☐N/A	7.
Sufficient volume:	☑Yes	☐No	☐N/A	8.
Correct containers used:	☑Yes	☐No	☐N/A	
Pace containers used:	☑Yes	☐No	☐N/A	9.
Containers intact:	☑Yes	☐No	☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes	☐No	☑N/A	12.
Sample labels match COC: Includes date/time/ID/analyses Y Matrix: water	☑Yes	☐No	☐N/A	Collected @0930 on 12/17/14 13.
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	BP3S pH = 6.0
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☑No	☐N/A	BP3N pH adjusted from 6.0 → 3.0 w/ 25 mL HNO3 14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes	☐No		Initial when completed BB Lot # of added preservative 12513-32-10
Trip Blank present: Pace Trip Blank lot # (if purchased): 10 1314-3CAP	☑Yes	☐No	☐N/A	15.
Headspace in VOA vials (>6mm):	☐Yes	☑No	☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes	☐No	☑N/A	17. List State: Mi

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: KW Date: 12/19/14

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 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	

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: 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		BOD SM 5210B		Residual Chlorine (Y/N)	60184846
1	T1-089 5DG9U 1BP3S 1BP3U	OT	G	1BP3N	20	2AG3S			14	10	4	1	0	2AG4U					X	X	X	X	X	X	X	X	X		X	2	BP2U	
2	TRIP BLANK 2P6 9U								2	2																X						
3																																
4																																
5																																
6																																METALS LIST total & LF Dis:
7																																Al,Sb,As,Be,Cd,Cr,
8																																Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn
9																																and Mercury
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299		12.17.14	1200		12/17	1200				
SITE ADDRESS: BRIDGETON LF				BB12/18	12/17	0220	3.5	Y	Y	Y
13570 ST. CHARLES ROCK RD					12/18					
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: Paul Linscott					
SIGNATURE of SAMPLER: Paul Linscott	DATE Signed: 12-17-14				

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December 23, 2014

DEREK BOUCHARD
REPUBLIC SERVICES
13570 ST CHARLES ROCK RD
Bridgeton, MO 63044

RE: Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Dear DEREK BOUCHARD:
Enclosed are the analytical results for sample(s) received by the laboratory on December 18, 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.

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CERTIFICATIONS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

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: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184817001	**PRE-316 PORT**	Water	12/17/14 11:15	12/18/14 02:20
60184817002	**316 PORT**	Water	12/17/14 11:15	12/18/14 02:20
60184817003	**203-PRE-C**	Water	12/17/14 11:05	12/18/14 02:20
60184817004	**204-C**	Water	12/17/14 11:05	12/18/14 02:20

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SAMPLE ANALYTE COUNT

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184817001	**PRE-316 PORT**	EPA 6010	JGP	1
		SM 3500-Fe B#4	TJG	1
		SM 3500-Fe B#4	AJM	1
60184817002	**316 PORT**	EPA 6010	JGP	1
		SM 3500-Fe B#4	TJG	1
		SM 3500-Fe B#4	AJM	1
60184817003	**203-PRE-C**	EPA 6010	JGP	1
		SM 3500-Fe B#4	TJG	1
		SM 3500-Fe B#4	AJM	1
60184817004	**204-C**	EPA 6010	JGP	1
		SM 3500-Fe B#4	TJG	1
		SM 3500-Fe B#4	AJM	1

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ANALYTICAL RESULTS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Sample: PRE-316 PORT **Lab ID: 60184817001** Collected: 12/17/14 11:15 Received: 12/18/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**474000**	ug/L	250	1	12/20/14 12:40	12/22/14 18:17	7439-89-6	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**186**	mg/L	0.20	1		12/23/14 00:00	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**288**	mg/L	10.0	1		12/18/14 15:31		H6

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ANALYTICAL RESULTS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Sample: 316 PORT **Lab ID: 60184817002** Collected: 12/17/14 11:15 Received: 12/18/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**457000**	ug/L	250	1	12/20/14 12:40	12/22/14 18:20	7439-89-6	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**305**	mg/L	0.20	1		12/23/14 00:00	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**152**	mg/L	10.0	1		12/18/14 15:42		H6

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ANALYTICAL RESULTS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Sample: 203-PRE-C **Lab ID: 60184817003** Collected: 12/17/14 11:05 Received: 12/18/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**485000**	ug/L	250	1	12/20/14 12:40	12/22/14 18:24	7439-89-6	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**359**	mg/L	0.20	1		12/23/14 00:00	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**126**	mg/L	5.0	1		12/18/14 15:31		H6

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ANALYTICAL RESULTS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Sample: 204-C **Lab ID: 60184817004** Collected: 12/17/14 11:05 Received: 12/18/14 02:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**422000**	ug/L	250	1	12/20/14 12:40	12/22/14 18:28	7439-89-6	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**285**	mg/L	0.20	1		12/23/14 00:00	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**137**	mg/L	5.0	1		12/18/14 15:31		H6

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QUALITY CONTROL DATA

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

QC Batch: MPRP/30254 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 60184817001, 60184817002, 60184817003, 60184817004

METHOD BLANK: 1498352 Matrix: Water
Associated Lab Samples: 60184817001, 60184817002, 60184817003, 60184817004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	12/22/14 18:13	

LABORATORY CONTROL SAMPLE: 1498353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9950	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1498354 1498355

Parameter	Units	60184800010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	1620	10000	10000	11600	11400	100	98	75-125	2	20	

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: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

QC Batch: WET/52124 Analysis Method: SM 3500-Fe B#4
QC Batch Method: SM 3500-Fe B#4 Analysis Description: Iron, Ferrous
Associated Lab Samples: 60184817001, 60184817002, 60184817003, 60184817004

METHOD BLANK: 1496327 Matrix: Water
Associated Lab Samples: 60184817001, 60184817002, 60184817003, 60184817004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	ND	0.20	12/18/14 15:30	H6

LABORATORY CONTROL SAMPLE: 1496328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	2	1.8	92	90-110	H6

SAMPLE DUPLICATE: 1496329

Parameter	Units	60184714001 Result	Dup Result	RPD	Max RPD	Qualifiers
Iron, Ferrous	mg/L	ND	ND		10	H6

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LPTP SCALE INHIBITOR STUDY
Pace Project No.: 60184817

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184817001	**PRE-316 PORT**	EPA 3010	MPRP/30254	EPA 6010	ICP/22618
60184817002	**316 PORT**	EPA 3010	MPRP/30254	EPA 6010	ICP/22618
60184817003	**203-PRE-C**	EPA 3010	MPRP/30254	EPA 6010	ICP/22618
60184817004	**204-C**	EPA 3010	MPRP/30254	EPA 6010	ICP/22618
60184817001	**PRE-316 PORT**	SM 3500-Fe B#4	WET/52203		
60184817002	**316 PORT**	SM 3500-Fe B#4	WET/52203		
60184817003	**203-PRE-C**	SM 3500-Fe B#4	WET/52203		
60184817004	**204-C**	SM 3500-Fe B#4	WET/52203		
60184817001	**PRE-316 PORT**	SM 3500-Fe B#4	WET/52124		
60184817002	**316 PORT**	SM 3500-Fe B#4	WET/52124		
60184817003	**203-PRE-C**	SM 3500-Fe B#4	WET/52124		
60184817004	**204-C**	SM 3500-Fe B#4	WET/52124		

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Sample Condition Upon Receipt

WO# : 60184817

60184817

Client Name: Republic

Courier: Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☒ X

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 (circle one) ☐ Samples received on ice, cooling process has begun.

Cooler Temperature: 2.3

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: BB 12/18/14

Chain of Custody present:	☒Yes	☐No	☐N/A	1.	
Chain of Custody filled out:	☒Yes	☐No	☐N/A	2.	
Chain of Custody relinquished:	☒Yes	☐No	☐N/A	3.	
Sampler name & signature on COC:	☒Yes	☐No	☐N/A	4.	
Samples arrived within holding time:	☒Yes	☐No	☐N/A	5.	
Short Hold Time analyses (<72hr):	☒Yes	☐No	☐N/A	6.	Fe^{+2}
Rush Turn Around Time requested:	☐Yes	☒No	☐N/A	7.	
Sufficient volume:	☒Yes	☐No	☐N/A	8.	
Correct containers used:	☒Yes	☐No	☐N/A		
Pace containers used:	☒Yes	☐No	☐N/A	9.	
Containers intact:	☒Yes	☐No	☐N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes	☐No	☒N/A	11.	
Filtered volume received for dissolved tests?	☐Yes	☐No	☒N/A	12.	
Sample labels match COC:	☒Yes	☐No	☐N/A		
Includes date/time/ID/analyses Y Matrix: water				13.	
All containers needing preservation have been checked.	☒Yes	☐No	☐N/A		All BP3N initial pH 6.0 → adjusted pH 6.0 2.5 mL HNO_3
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☒No	☐N/A	14.	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☐Yes	☐No		Initial when completed BB	Lot # of added preservative 12513-37-10
Trip Blank present:	☐Yes	☒No	☐N/A		
Pace Trip Blank lot # (if purchased): _____				15.	
Headspace in VOA vials (>6mm):	☐Yes	☐No	☒N/A	16.	
Project sampled in USDA Regulated Area:	☐Yes	☐No	☒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: _____

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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 Required Client Information:

Company:	Republic Services
Address:	13570 St. Charles Rock Rd
	Bridgeton, MO 63044
Email To:	dbouchard@republicservices.com
Phone: 314-302-3634	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Derek Bouchard
Copy To:	Kevin Kamp (kkamp@cecinc.com)
	Natalie LaFata (nlafata@cecinc.com)
Purchase Order No.:	
Project Name:	LPTP SCALE INHIBITOR STUDY
Project Number:	

Section C Invoice Information:

Attention:	AMY HARGROVE/BRIAN POWER
Company Name:	REPUBLIC SERVICES
Address:	BRIDGETON, MO 63044
Pace Quote Reference:	
Pace Project Manager:	Angie Brown 913-563-1402
Pace Profile #:	8114

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER _____

Site Location STATE: MO

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	FERROUS Fe	FERRIC Fe	Total Fe	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 6018487
1	Pre-316 port (BP3N) 610	W	G	—	—	12/17	1115		2	1		1		(BP3U)					X	X	X		01
2	316 port	W	G	—	—	12/17	1115		2	1		1							X	X	X		02
3	203-pre-C	W	G	—	—	12/17	1105		2	1		1							X	X	X		03
4	204-C	W	G	—	—	12/17	1105		2	1		1							X	X	X		04
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
analysis to determine scaling reagent location.	[signature]	12/17/14	1150	[signature]	12/17	1150				
				Ben Pungelt Pari	12/18	0220	2.3	Y	Y	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: [signature]

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/17/14

*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.

F-ALL-Q-020rev.08, 12-Oct-2007

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December 24, 2014

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

RE: Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Dear Ed Galbraith:
Enclosed are the analytical results for sample(s) received by the laboratory on December 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,

Emily Webb
emily.webb@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 T1-088
Pace Project No.: 60184708

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 T1-088
Pace Project No.: 60184708

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60184708001	**T1-088**	Water	12/16/14 06:46	12/17/14 03:00
60184708002	**TRIP BLANK**	Water	12/16/14 08:00	12/17/14 03:00

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SAMPLE ANALYTE COUNT

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60184708001	**T1-088**	EPA 200.7	JGP	15
		EPA 200.7	JGP	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	OL	1
		EPA 410.4	JMC1	1
60184708002	**TRIP BLANK**	EPA 624 Low	EAK	28

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Sample: T1-088 **Lab ID: 60184708001** Collected: 12/16/14 06:46 Received: 12/17/14 03:00 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	**38200**	ug/L	375	1	12/18/14 16:20	12/22/14 09:56	7429-90-5	
Antimony	**52.2**	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:09	7440-36-0	
Arsenic	**738**	ug/L	50.0	1	12/18/14 16:20	12/22/14 09:56	7440-38-2	
Beryllium	ND	ug/L	5.0	1	12/18/14 16:20	12/22/14 09:56	7440-41-7	
Cadmium	ND	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:56	7440-43-9	
Chromium	**177**	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:56	7440-47-3	
Cobalt	**39.7**	ug/L	25.0	1	12/18/14 16:20	12/22/14 09:56	7440-48-4	
Copper	ND	ug/L	50.0	1	12/18/14 16:20	12/22/14 12:09	7440-50-8	
Iron	**554000**	ug/L	250	1	12/18/14 16:20	12/22/14 09:56	7439-89-6	
Lead	**44.0**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:09	7439-92-1	
Nickel	**87.2**	ug/L	25.0	1	12/18/14 16:20	12/22/14 12:09	7440-02-0	
Selenium	ND	ug/L	75.0	1	12/18/14 16:20	12/22/14 12:09	7782-49-2	
Silver	ND	ug/L	35.0	1	12/18/14 16:20	12/22/14 09:56	7440-22-4	
Thallium	ND	ug/L	100	1	12/18/14 16:20	12/22/14 09:56	7440-28-0	
Zinc	**3060**	ug/L	250	1	12/18/14 16:20	12/22/14 09:56	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	12/22/14 09:35	12/22/14 16:32	7429-90-5	
Antimony, Dissolved	ND	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:32	7440-36-0	
Arsenic, Dissolved	**432**	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:32	7440-38-2	
Beryllium, Dissolved	ND	ug/L	5.0	1	12/22/14 09:35	12/22/14 16:32	7440-41-7	
Cadmium, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:32	7440-43-9	
Chromium, Dissolved	**71.0**	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:32	7440-47-3	
Cobalt, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:32	7440-48-4	
Copper, Dissolved	ND	ug/L	50.0	1	12/22/14 09:35	12/22/14 16:32	7440-50-8	
Iron, Dissolved	**53000**	ug/L	250	1	12/22/14 09:35	12/22/14 16:32	7439-89-6	
Lead, Dissolved	ND	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:32	7439-92-1	
Nickel, Dissolved	**54.4**	ug/L	25.0	1	12/22/14 09:35	12/22/14 16:32	7440-02-0	
Selenium, Dissolved	ND	ug/L	75.0	1	12/22/14 09:35	12/22/14 16:32	7782-49-2	
Silver, Dissolved	ND	ug/L	35.0	1	12/22/14 09:35	12/22/14 16:32	7440-22-4	
Thallium, Dissolved	ND	ug/L	100	1	12/22/14 09:35	12/22/14 16:32	7440-28-0	
Zinc, Dissolved	ND	ug/L	250	1	12/22/14 09:35	12/22/14 16:32	7440-66-6	
245.1 Mercury	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	ug/L	0.20	1	12/19/14 10:00	12/19/14 13:58	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	12/22/14 17:00	12/23/14 09:30	7439-97-6	M1
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
4,6-Dinitro-2-methylphenol	ND	ug/L	2500	1	12/18/14 00:00	12/20/14 00:35	534-52-1	
Hexachloro-1,3-butadiene	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	87-68-3	
Hexachlorocyclopentadiene	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	77-47-4	
Hexachloroethane	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	12/18/14 00:00	12/20/14 00:35	95-48-7	N2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	12/18/14 00:00	12/20/14 00:35		N2

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Sample: T1-088 **Lab ID: 60184708001** Collected: 12/16/14 06:46 Received: 12/17/14 03:00 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	12/18/14 00:00	12/20/14 00:35	91-20-3	
Nitrobenzene	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	87-86-5	
Phenol	**954**	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	108-95-2	
1,2,4-Trichlorobenzene	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	500	1	12/18/14 00:00	12/20/14 00:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	88	%	33-120	1	12/18/14 00:00	12/20/14 00:35	4165-60-0	
2-Fluorobiphenyl (S)	80	%	39-120	1	12/18/14 00:00	12/20/14 00:35	321-60-8	
Terphenyl-d14 (S)	91	%	45-120	1	12/18/14 00:00	12/20/14 00:35	1718-51-0	
Phenol-d6 (S)	31	%	11-120	1	12/18/14 00:00	12/20/14 00:35	13127-88-3	
2-Fluorophenol (S)	45	%	17-120	1	12/18/14 00:00	12/20/14 00:35	367-12-4	
2,4,6-Tribromophenol (S)	85	%	39-120	1	12/18/14 00:00	12/20/14 00:35	118-79-6	
624 Volatile Organics	Analytical Method: EPA 624 Low							
Acetone	**23700**	ug/L	1000	100		12/17/14 20:37	67-64-1	N2
Benzene	ND	ug/L	100	100		12/17/14 20:37	71-43-2	
Bromodichloromethane	ND	ug/L	100	100		12/17/14 20:37	75-27-4	
Bromoform	ND	ug/L	100	100		12/17/14 20:37	75-25-2	
Bromomethane	ND	ug/L	500	100		12/17/14 20:37	74-83-9	
2-Butanone (MEK)	**10300**	ug/L	1000	100		12/17/14 20:37	78-93-3	N2
Carbon tetrachloride	ND	ug/L	100	100		12/17/14 20:37	56-23-5	
Chloroethane	ND	ug/L	100	100		12/17/14 20:37	75-00-3	
Chloroform	ND	ug/L	100	100		12/17/14 20:37	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/17/14 20:37	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	100		12/17/14 20:37	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	100	100		12/17/14 20:37	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/17/14 20:37	156-60-5	
Ethylbenzene	ND	ug/L	100	100		12/17/14 20:37	100-41-4	
Methylene chloride	ND	ug/L	100	100		12/17/14 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	100		12/17/14 20:37	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/17/14 20:37	79-34-5	N2
Tetrachloroethene	ND	ug/L	100	100		12/17/14 20:37	127-18-4	
Toluene	ND	ug/L	100	100		12/17/14 20:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/17/14 20:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/17/14 20:37	79-00-5	
Trichloroethene	ND	ug/L	100	100		12/17/14 20:37	79-01-6	
Vinyl chloride	ND	ug/L	100	100		12/17/14 20:37	75-01-4	
Xylene (Total)	ND	ug/L	300	100		12/17/14 20:37	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	95	%	80-120	100		12/17/14 20:37	460-00-4	
Toluene-d8 (S)	98	%	80-120	100		12/17/14 20:37	2037-26-5	
1,2-Dichloroethane-d4 (S)	101	%	80-120	100		12/17/14 20:37	17060-07-0	
Preservation pH	**7.0**		1.0	100		12/17/14 20:37		
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	**53.3**	mg/L	5.0	1		12/22/14 08:26		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Sample: T1-088 **Lab ID: 60184708001** Collected: 12/16/14 06:46 Received: 12/17/14 03:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D							
Total Suspended Solids	**11400**	mg/L	5.0	1		12/22/14 17:02		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.4**	Std. Units	0.10	1		12/22/14 14:00		H6
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**9530**	mg/L	2.0	1	12/17/14 11:03	12/22/14 10:04		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**118**	mg/L	5.0	50		12/21/14 09:07	7664-41-7	
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**17600**	mg/L	2500	250		12/24/14 10:04		

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ANALYTICAL RESULTS

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Sample: TRIP BLANK **Lab ID: 60184708002** Collected: 12/16/14 08:00 Received: 12/17/14 03:00 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		12/17/14 21:20	67-64-1	N2
Benzene	ND	ug/L	1.0	1		12/17/14 21:20	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	1		12/17/14 21:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/17/14 21:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/17/14 21:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		12/17/14 21:20	78-93-3	N2
Carbon tetrachloride	ND	ug/L	1.0	1		12/17/14 21:20	56-23-5	
Chloroethane	ND	ug/L	1.0	1		12/17/14 21:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/17/14 21:20	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/17/14 21:20	106-46-7	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/17/14 21:20	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/17/14 21:20	156-59-2	N2
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/17/14 21:20	156-60-5	
Ethylbenzene	ND	ug/L	1.0	1		12/17/14 21:20	100-41-4	
Methylene chloride	ND	ug/L	1.0	1		12/17/14 21:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		12/17/14 21:20	108-10-1	N2
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/17/14 21:20	79-34-5	N2
Tetrachloroethene	ND	ug/L	1.0	1		12/17/14 21:20	127-18-4	
Toluene	ND	ug/L	1.0	1		12/17/14 21:20	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/17/14 21:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/17/14 21:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/17/14 21:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		12/17/14 21:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		12/17/14 21:20	1330-20-7	N2
Surrogates								
4-Bromofluorobenzene (S)	96	%	80-120	1		12/17/14 21:20	460-00-4	
Toluene-d8 (S)	98	%	80-120	1		12/17/14 21:20	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	80-120	1		12/17/14 21:20	17060-07-0	
Preservation pH	**7.0**		1.0	1		12/17/14 21:20		

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: MERP/9162 | Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 | Analysis Description: 245.1 Mercury
Associated Lab Samples: 60184708001

METHOD BLANK: 1497312 | Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/19/14 13:40	

LABORATORY CONTROL SAMPLE: 1497313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497314 1497315

Parameter	Units	60184692001 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	5	5	3.6	3.1	71	62	70-130	14	20	M1

MATRIX SPIKE SAMPLE: 1497316

Parameter	Units	60184708001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	5	3.2	64	70-130	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: MERP/9168
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: 245.1 Mercury - Dissolved
Associated Lab Samples: 60184708001

METHOD BLANK: 1498951
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	12/23/14 09:25	

LABORATORY CONTROL SAMPLE: 1498952

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: 1498953 1498954

Parameter	Units	60184708001 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	93.6	90.0	62	60	70-130	4	20	M1

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: MPRP/30217
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60184708001

METHOD BLANK: 1496521
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	75.0	12/22/14 09:45	
Antimony	ug/L	ND	10.0	12/22/14 12:00	
Arsenic	ug/L	ND	10.0	12/22/14 09:45	
Beryllium	ug/L	ND	1.0	12/22/14 09:45	
Cadmium	ug/L	ND	5.0	12/22/14 09:45	
Chromium	ug/L	ND	5.0	12/22/14 09:45	
Cobalt	ug/L	ND	5.0	12/22/14 09:45	
Copper	ug/L	ND	10.0	12/22/14 12:00	
Iron	ug/L	ND	50.0	12/22/14 09:45	
Lead	ug/L	ND	5.0	12/22/14 12:00	
Nickel	ug/L	ND	5.0	12/22/14 12:00	
Selenium	ug/L	ND	15.0	12/22/14 12:00	
Silver	ug/L	ND	7.0	12/22/14 09:45	
Thallium	ug/L	ND	20.0	12/22/14 09:45	
Zinc	ug/L	ND	50.0	12/22/14 09:45	

LABORATORY CONTROL SAMPLE: 1496522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10200	102	85-115	
Antimony	ug/L	1000	1070	107	85-115	
Arsenic	ug/L	1000	1020	102	85-115	
Beryllium	ug/L	1000	1060	106	85-115	
Cadmium	ug/L	1000	1070	107	85-115	
Chromium	ug/L	1000	931	93	85-115	
Cobalt	ug/L	1000	1080	108	85-115	
Copper	ug/L	1000	1030	103	85-115	
Iron	ug/L	10000	10200	102	85-115	
Lead	ug/L	1000	1040	104	85-115	
Nickel	ug/L	1000	1020	102	85-115	
Selenium	ug/L	1000	1060	106	85-115	
Silver	ug/L	500	545	109	85-115	
Thallium	ug/L	1000	1050	105	85-115	
Zinc	ug/L	1000	984	98	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1496523 1496524

Parameter	Units	60184692001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	33500	50000	50000	93000	87900	119	109	70-130	6	20	
Antimony	ug/L	132	5000	5000	5120	5100	100	99	70-130	0	20	
Arsenic	ug/L	520	5000	5000	5980	5880	109	107	70-130	2	20	
Beryllium	ug/L	ND	5000	5000	5080	5120	102	102	70-130	1	20	
Cadmium	ug/L	ND	5000	5000	5320	5320	106	106	70-130	0	20	
Chromium	ug/L	117	5000	5000	4620	4660	90	91	70-130	1	20	
Cobalt	ug/L	ND	5000	5000	5100	5140	102	102	70-130	1	20	
Copper	ug/L	121	5000	5000	5100	5160	99	101	70-130	1	20	
Iron	ug/L	329000	50000	50000	446000	402000	234	146	70-130	10	20	M1
Lead	ug/L	110	5000	5000	4650	4700	91	92	70-130	1	20	
Nickel	ug/L	162	5000	5000	4790	4830	92	93	70-130	1	20	
Selenium	ug/L	122	5000	5000	5320	5250	104	103	70-130	1	20	
Silver	ug/L	ND	2500	2500	2820	2810	112	112	70-130	0	20	
Thallium	ug/L	ND	5000	5000	4390	4470	88	89	70-130	2	20	
Zinc	ug/L	1690	5000	5000	6520	6320	97	93	70-130	3	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: MPRP/30249
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 Metals, Dissolved
Associated Lab Samples: 60184708001

METHOD BLANK: 1497940
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	75.0	12/22/14 16:23	
Antimony, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Arsenic, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Beryllium, Dissolved	ug/L	ND	1.0	12/22/14 16:23	
Cadmium, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Chromium, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Cobalt, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Copper, Dissolved	ug/L	ND	10.0	12/22/14 16:23	
Iron, Dissolved	ug/L	ND	50.0	12/22/14 16:23	
Lead, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Nickel, Dissolved	ug/L	ND	5.0	12/22/14 16:23	
Selenium, Dissolved	ug/L	ND	15.0	12/22/14 16:23	
Silver, Dissolved	ug/L	ND	7.0	12/22/14 16:23	
Thallium, Dissolved	ug/L	ND	20.0	12/22/14 16:23	
Zinc, Dissolved	ug/L	ND	50.0	12/22/14 16:23	

LABORATORY CONTROL SAMPLE: 1497941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	9610	96	85-115	
Antimony, Dissolved	ug/L	1000	963	96	85-115	
Arsenic, Dissolved	ug/L	1000	966	97	85-115	
Beryllium, Dissolved	ug/L	1000	991	99	85-115	
Cadmium, Dissolved	ug/L	1000	989	99	85-115	
Chromium, Dissolved	ug/L	1000	1010	101	85-115	
Cobalt, Dissolved	ug/L	1000	1000	100	85-115	
Copper, Dissolved	ug/L	1000	962	96	85-115	
Iron, Dissolved	ug/L	10000	9980	100	85-115	
Lead, Dissolved	ug/L	1000	993	99	85-115	
Nickel, Dissolved	ug/L	1000	990	99	85-115	
Selenium, Dissolved	ug/L	1000	957	96	85-115	
Silver, Dissolved	ug/L	500	473	95	85-115	
Thallium, Dissolved	ug/L	1000	1020	102	85-115	
Zinc, Dissolved	ug/L	1000	996	100	85-115	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1497942 1497943

Parameter	Units	60184708001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	ND	50000	50000	48400	49000	96	98	70-130	1	20	
Antimony, Dissolved	ug/L	ND	5000	5000	5020	5050	100	101	70-130	1	20	
Arsenic, Dissolved	ug/L	432	5000	5000	5580	5620	103	104	70-130	1	20	
Beryllium, Dissolved	ug/L	ND	5000	5000	4880	4970	98	99	70-130	2	20	
Cadmium, Dissolved	ug/L	ND	5000	5000	5110	5150	102	103	70-130	1	20	
Chromium, Dissolved	ug/L	71.0	5000	5000	5060	5140	100	101	70-130	2	20	
Cobalt, Dissolved	ug/L	ND	5000	5000	4910	4970	98	99	70-130	1	20	
Copper, Dissolved	ug/L	ND	5000	5000	5010	5100	100	102	70-130	2	20	
Iron, Dissolved	ug/L	53000	50000	50000	99600	98200	93	90	70-130	1	20	
Lead, Dissolved	ug/L	ND	5000	5000	4720	4760	94	95	70-130	1	20	
Nickel, Dissolved	ug/L	54.4	5000	5000	4820	4870	95	96	70-130	1	20	
Selenium, Dissolved	ug/L	ND	5000	5000	5120	5180	102	103	70-130	1	20	
Silver, Dissolved	ug/L	ND	2500	2500	2470	2500	99	100	70-130	1	20	
Thallium, Dissolved	ug/L	ND	5000	5000	4570	4680	91	94	70-130	2	20	
Zinc, Dissolved	ug/L	ND	5000	5000	5010	5020	98	98	70-130	0	20	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: MSV/66547 | Analysis Method: EPA 624 Low
QC Batch Method: EPA 624 Low | Analysis Description: 624 MSV
Associated Lab Samples: 60184708001, 60184708002

METHOD BLANK: 1495884 | Matrix: Water
Associated Lab Samples: 60184708001, 60184708002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/17/14 17:48	N2
1,1,2-Trichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,2-Dichloroethane	ug/L	ND	1.0	12/17/14 17:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/17/14 17:48	
2-Butanone (MEK)	ug/L	ND	10.0	12/17/14 17:48	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	12/17/14 17:48	N2
Acetone	ug/L	ND	10.0	12/17/14 17:48	N2
Benzene	ug/L	ND	1.0	12/17/14 17:48	
Bromodichloromethane	ug/L	ND	1.0	12/17/14 17:48	
Bromoform	ug/L	ND	1.0	12/17/14 17:48	
Bromomethane	ug/L	ND	5.0	12/17/14 17:48	
Carbon tetrachloride	ug/L	ND	1.0	12/17/14 17:48	
Chloroethane	ug/L	ND	1.0	12/17/14 17:48	
Chloroform	ug/L	ND	1.0	12/17/14 17:48	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/17/14 17:48	N2
Ethylbenzene	ug/L	ND	1.0	12/17/14 17:48	
Methylene chloride	ug/L	ND	1.0	12/17/14 17:48	
Tetrachloroethene	ug/L	ND	1.0	12/17/14 17:48	
Toluene	ug/L	ND	1.0	12/17/14 17:48	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/17/14 17:48	
Trichloroethene	ug/L	ND	1.0	12/17/14 17:48	
Vinyl chloride	ug/L	ND	1.0	12/17/14 17:48	
Xylene (Total)	ug/L	ND	3.0	12/17/14 17:48	N2
1,2-Dichloroethane-d4 (S)	%	96	80-120	12/17/14 17:48	
4-Bromofluorobenzene (S)	%	100	80-120	12/17/14 17:48	
Toluene-d8 (S)	%	100	80-120	12/17/14 17:48	

LABORATORY CONTROL SAMPLE: 1495885

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	17.2	86	67-127	N2
1,1,2-Trichloroethane	ug/L	20	20.4	102	67-124	
1,2-Dichloroethane	ug/L	20	19.5	97	70-126	
1,4-Dichlorobenzene	ug/L	20	18.9	95	74-120	
2-Butanone (MEK)	ug/L	100	83.8	84	42-153	N2
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.6	95	59-131	N2
Acetone	ug/L	100	88.5	88	38-134	N2
Benzene	ug/L	20	19.5	98	75-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

LABORATORY CONTROL SAMPLE: 1495885

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	20	20.0	100	68-125	
Bromoform	ug/L	20	20.0	100	65-127	
Bromomethane	ug/L	20	16.5	83	13-157	
Carbon tetrachloride	ug/L	20	19.9	99	70-131	
Chloroethane	ug/L	20	18.3	91	47-133	
Chloroform	ug/L	20	20.0	100	65-127	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	68-127	N2
Ethylbenzene	ug/L	20	20.3	102	74-122	
Methylene chloride	ug/L	20	18.7	94	64-129	
Tetrachloroethene	ug/L	20	20.4	102	73-125	
Toluene	ug/L	20	19.7	99	69-126	
trans-1,2-Dichloroethene	ug/L	20	19.3	97	66-129	
Trichloroethene	ug/L	20	20.7	103	71-123	
Vinyl chloride	ug/L	20	16.7	83	43-129	
Xylene (Total)	ug/L	60	61.2	102	75-121	N2
1,2-Dichloroethane-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			90	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1495886

Parameter	Units	60184583002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1000	1100	110	52-155	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	893	89	46-146	N2
1,1,2-Trichloroethane	ug/L	ND	1000	1010	101	52-143	
1,2-Dichloroethane	ug/L	ND	1000	978	98	49-144	
1,4-Dichlorobenzene	ug/L	ND	1000	937	92	33-140	
2-Butanone (MEK)	ug/L	ND	5000	4430	81	40-160	N2
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	4930	91	40-160	N2
Acetone	ug/L	682	5000	4860	84	10-160	N2
Benzene	ug/L	ND	1000	984	98	37-151	
Bromodichloromethane	ug/L	ND	1000	1040	104	35-142	
Bromoform	ug/L	ND	1000	910	91	45-142	
Bromomethane	ug/L	ND	1000	781	78	10-158	
Carbon tetrachloride	ug/L	ND	1000	1110	111	70-140	
Chloroethane	ug/L	ND	1000	891	89	19-152	
Chloroform	ug/L	ND	1000	1020	101	51-138	
cis-1,2-Dichloroethene	ug/L	ND	1000	1070	107	34-147	N2
Ethylbenzene	ug/L	ND	1000	965	96	40-142	
Methylene chloride	ug/L	ND	1000	939	92	31-144	
Tetrachloroethene	ug/L	ND	1000	1060	106	64-148	
Toluene	ug/L	ND	1000	975	98	47-150	
trans-1,2-Dichloroethene	ug/L	ND	1000	1020	102	54-151	
Trichloroethene	ug/L	ND	1000	1040	104	71-149	
Vinyl chloride	ug/L	ND	1000	799	80	22-146	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

MATRIX SPIKE SAMPLE: 1495886

Parameter	Units	60184583002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	ND	3000	3080	103	37-144	N2
1,2-Dichloroethane-d4 (S)	%				101	80-120	
4-Bromofluorobenzene (S)	%				92	80-120	
Toluene-d8 (S)	%				100	80-120	
Preservation pH		7.0		7.0			

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: OEXT/47554 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 60184708001

METHOD BLANK: 1496245 | Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/19/14 18:24	
2,4,6-Trichlorophenol	ug/L	ND	5.0	12/19/14 18:24	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/19/14 18:24	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	12/19/14 18:24	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	25.0	12/19/14 18:24	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/19/14 18:24	
Hexachlorocyclopentadiene	ug/L	ND	5.0	12/19/14 18:24	
Hexachloroethane	ug/L	ND	5.0	12/19/14 18:24	
Naphthalene	ug/L	ND	5.0	12/19/14 18:24	
Nitrobenzene	ug/L	ND	5.0	12/19/14 18:24	
Pentachlorophenol	ug/L	ND	5.0	12/19/14 18:24	
Phenol	ug/L	ND	5.0	12/19/14 18:24	
2,4,6-Tribromophenol (S)	%	101	39-120	12/19/14 18:24	
2-Fluorobiphenyl (S)	%	90	39-120	12/19/14 18:24	
2-Fluorophenol (S)	%	52	17-120	12/19/14 18:24	
Nitrobenzene-d5 (S)	%	91	33-120	12/19/14 18:24	
Phenol-d6 (S)	%	36	11-120	12/19/14 18:24	
Terphenyl-d14 (S)	%	96	45-120	12/19/14 18:24	

LABORATORY CONTROL SAMPLE: 1496246

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	46-120	
2,4,6-Trichlorophenol	ug/L	50	48.8	98	49-120	
2-Methylphenol(o-Cresol)	ug/L	50	36.8	74	40-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.6	67	34-120	N2
4,6-Dinitro-2-methylphenol	ug/L	50	58.0	116	40-133	
Hexachloro-1,3-butadiene	ug/L	50	39.7	79	44-116	
Hexachlorocyclopentadiene	ug/L	100	40.9	41	24-120	
Hexachloroethane	ug/L	50	39.3	79	43-113	
Naphthalene	ug/L	50	44.2	88	48-120	
Nitrobenzene	ug/L	50	46.3	93	48-120	
Pentachlorophenol	ug/L	50	51.4	103	47-120	
Phenol	ug/L	50	17.6	35	16-112	
2,4,6-Tribromophenol (S)	%			107	39-120	
2-Fluorobiphenyl (S)	%			95	39-120	
2-Fluorophenol (S)	%			52	17-120	
Nitrobenzene-d5 (S)	%			96	33-120	
Phenol-d6 (S)	%			36	11-120	
Terphenyl-d14 (S)	%			102	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

MATRIX SPIKE SAMPLE: 1496247

Parameter	Units	60184692001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5000	4060	81	44-120	
2,4,6-Trichlorophenol	ug/L	ND	5000	4530	91	50-120	
2-Methylphenol(o-Cresol)	ug/L	ND	5000	3520	70	30-120	N2
3&4-Methylphenol(m&p Cresol)	ug/L	ND	5000	3420	58	27-120	N2
4,6-Dinitro-2-methylphenol	ug/L	ND	5000	5330	107	10-160	
Hexachloro-1,3-butadiene	ug/L	ND	5000	3730	75	39-116	
Hexachlorocyclopentadiene	ug/L	ND	10000	3830	38	11-120	
Hexachloroethane	ug/L	ND	5000	3780	76	40-113	
Naphthalene	ug/L	ND	5000	4220	82	45-120	
Nitrobenzene	ug/L	ND	5000	4320	86	38-120	
Pentachlorophenol	ug/L	ND	5000	4910	98	43-135	
Phenol	ug/L	ND	5000	1920	30	13-112	
2,4,6-Tribromophenol (S)	%				95	39-120	
2-Fluorobiphenyl (S)	%				87	39-120	
2-Fluorophenol (S)	%				44	17-120	
Nitrobenzene-d5 (S)	%				92	33-120	
Phenol-d6 (S)	%				32	11-120	
Terphenyl-d14 (S)	%				94	45-120	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WET/52165
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 60184708001

METHOD BLANK: 1498571
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	12/22/14 08:25	

LABORATORY CONTROL SAMPLE: 1498572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.8	97	78-114	

MATRIX SPIKE SAMPLE: 1498573

Parameter	Units	60184692001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	91.5	160	181	56	78-114	M1

SAMPLE DUPLICATE: 1498574

Parameter	Units	60184708001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	53.3	45.4	16	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WET/52186 | Analysis Method: SM 2540D
QC Batch Method: SM 2540D | Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 60184708001

METHOD BLANK: 1498983 | Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	12/22/14 17:00	

SAMPLE DUPLICATE: 1498984

Parameter	Units	60184617007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	9.0	8.0	12	10	D6

SAMPLE DUPLICATE: 1498985

Parameter	Units	60184718001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	166	170	2	10	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WET/52131
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Associated Lab Samples: 60184708001

SAMPLE DUPLICATE: 1496656

Parameter	Units	60184666001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.6	8.6	0	5	H6

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WET/52107
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 60184708001

METHOD BLANK: 1495675
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	12/22/14 09:14	

LABORATORY CONTROL SAMPLE: 1495676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	184	93	85-115	

SAMPLE DUPLICATE: 1495677

Parameter	Units	60184617004 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	17.6	17.4	1	17	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WETA/32260
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 60184708001

METHOD BLANK: 1497454
Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	12/21/14 08:35	

LABORATORY CONTROL SAMPLE: 1497455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	2	2.1	106	90-110	

MATRIX SPIKE SAMPLE: 1497456

Parameter	Units	60184179003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	19.4	20	36.2	84	90-110	M1

MATRIX SPIKE SAMPLE: 1497458

Parameter	Units	60184586002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	374	500	867	99	90-110	

SAMPLE DUPLICATE: 1497457

Parameter	Units	60184278001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	3.0	3.0	0	18	

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QUALITY CONTROL DATA

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

QC Batch: WETA/32283 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 60184708001

METHOD BLANK: 1498995 | Matrix: Water
Associated Lab Samples: 60184708001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	10.0	12/24/14 10:02	

LABORATORY CONTROL SAMPLE: 1498996

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: 1498997

Parameter	Units	60184597001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	17.3	50	64.8	95	90-110	

SAMPLE DUPLICATE: 1498998

Parameter	Units	60184708001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	17600	17000	3	25	

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QUALIFIERS

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

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.

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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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRIDGETON LF T1-088
Pace Project No.: 60184708

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60184708001	**T1-088**	EPA 200.7	MPRP/30217	EPA 200.7	ICP/22602
60184708001	**T1-088**	EPA 200.7	MPRP/30249	EPA 200.7	ICP/22630
60184708001	**T1-088**	EPA 245.1	MERP/9162	EPA 245.1	MERC/9117
60184708001	**T1-088**	EPA 245.1	MERP/9168	EPA 245.1	MERC/9122
60184708001	**T1-088**	EPA 625	OEXT/47554	EPA 625	MSSV/15359
60184708001	**T1-088**	EPA 624 Low	MSV/66547		
60184708002	**TRIP BLANK**	EPA 624 Low	MSV/66547		
60184708001	**T1-088**	EPA 1664A	WET/52165		
60184708001	**T1-088**	SM 2540D	WET/52186		
60184708001	**T1-088**	SM 4500-H+B	WET/52131		
60184708001	**T1-088**	SM 5210B	WET/52107	SM 5210B	WET/52175
60184708001	**T1-088**	EPA 350.1	WETA/32260		
60184708001	**T1-088**	EPA 410.4	WETA/32283		

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Sample Condition Upon Receipt

WO# : 60184708

60184708

Optional
Proj Due Date:
Proj Name:

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 ☑ 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: 1.7

Temperature should be above freezing to 6°C

Date and initials of person examining contents: PV 12/17/14

Chain of Custody present:	☑Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☑Yes ☐No ☐N/A	6. BOD pH
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.
Sufficient volume:	☑Yes ☐No ☐N/A	8.
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	9.
Containers intact:	☑Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	12.
Sample labels match COC: Includes date/time/ID/analyses Matrix: WT	☑Yes ☐No ☐N/A	13.
All containers needing preservation have been checked	☑Yes ☐No ☐N/A	Added 2.5 ml of HNO3 to BP3N. pH 6.0/2.5
All containers needing preservation are found to be in compliance with EPA recommendation.	~~☑Yes~~ ☒No (PV 12/17/14) ☐N/A	14. BP3S 6.0
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☒Yes ☐No	Initial when completed PV / Lot # of added preservative 12513-37010
Trip Blank present: Pace Trip Blank lot # (if purchased): COVER	☑Yes ☐No ☐N/A	15.
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State: MN

AKB

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12/18/14

Pace Analytical

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

Requested Analysis Filtered (Y/N)

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 START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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		BOD SM 5210B		Residual Chlorine (Y/N)	60184708	
1	TI-088 2AG4U 1BP3U 2AG3U	OT	G	12/16/14	0646	—	—		14	10	13	1	0	1B	P3S	6.0			X	X	X	X	X	X	X	X	X		X	1B	P3N 2.5	2BP2U 5DG9U	001
2	TRIP BLANK	—	—	—	—	—	—		2	2																X						2DG9U	002
3																																	
4																																	
5																																	
6																																METALS LIST total & LF Dis:	
7																																Al,Sb,As,Be,Cd,Cr,	
8																																Co,Cu,Fe,Pb,Ni,Se,Ag,Tl,Zn	
9																																and Mercury	
10																																	
11																																	
12																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
SITE CONTACT: BILL ABERNATHY 314-502-1299	[signature]	12/16/14	1200	[signature]	12/16	[illegible]				
SITE ADDRESS: BRIDGETON LF				[signature]	12/17/14	0300	1.7	Y	Y	X
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: 12/16/14				

PDC Laboratories, Inc.
3278 N Highway 67 • Florissant, MO 63033
(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Natalie LaFata

Date Received: 12/31/14 9:27
Report Date: 01/06/15
Customer #: 277310
PO#: 4799074

Laboratory Results

Sample No: **4123785-01**
Sample Description: **T1-04-AS**

Collect Date: **12/30/14 14:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
BOD	2700 mg/L	C	12/31/14 07:40	KLA	SM 5210B	04KS
COD	10000 mg/L		01/02/15 15:03	DAS	SM 5220D	04KS
Solids - total suspended solids (TSS)	12000 mg/L		01/02/15 11:00	das	SM 2540D	04KS

Sample No: **4123785-02**
Sample Description: **T1-03-AS**

Collect Date: **12/29/14 13:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
BOD	3000 mg/L	C	12/31/14 07:40	KLA	SM 5210B	04KS
COD	11000 mg/L		01/02/15 15:03	DAS	SM 5220D	04KS
Solids - total suspended solids (TSS)	7500 mg/L		01/02/15 11:00	das	SM 2540D	04KS

Sample No: **4123785-03**
Sample Description: **T1-02-AS**

Collect Date: **12/29/14 06:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
BOD	2600 mg/L	C, H	12/31/14 07:40	KLA	SM 5210B	04KS
COD	9000 mg/L		01/02/15 15:03	DAS	SM 5220D	04KS
Solids - total suspended solids (TSS)	7400 mg/L		01/02/15 11:00	das	SM 2540D	04KS

Sample No: **4123785-04**
Sample Description: **T1-01-AS**

Collect Date: **12/26/14 06:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
BOD	3200 mg/L	C, H	12/31/14 07:40	KLA	SM 5210B	04KS
COD	12000 mg/L		01/02/15 15:03	DAS	SM 5220D	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/30/14 14:47
Report Date: 12/30/14
Customer #: 277310

Laboratory Results

Sample No: **4123764-01**
Sample Description: **T1-04-AS**

Collect Date: **12/30/14 14:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1-Trichloroethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,1,2,2-Tetrachloroethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,1,2-Trichloroethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,1-Dichloroethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,1-Dichloroethene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,2-Dichlorobenzene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,2-Dichloroethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,2-Dichloropropane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,3-Dichlorobenzene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
1,4-Dichlorobenzene	84 ug/L		12/30/14 15:16	BP	EPA 624	04KS
2-Butanone	2400 ug/L		12/30/14 15:48	BP	EPA 624*	
2-Chloroethylvinyl ether	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Acrolein	< 500 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Acrylonitrile	< 100 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Benzene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Bromodichloromethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Bromoform	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Bromomethane	< 100 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Carbon tetrachloride	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Chlorobenzene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Chloroethane	< 100 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Chloroform	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Chloromethane	< 100 ug/L		12/30/14 15:16	BP	EPA 624	04KS
cis-1,3-Dichloropropene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Dibromochloromethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Ethylbenzene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
m,p-Xylene	< 100 ug/L		12/30/14 15:16	BP	EPA 624*	
Methylene chloride	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
o-Xylene	< 50 ug/L		12/30/14 15:16	BP	EPA 624*	
Tetrachloroethene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Toluene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
trans-1,2-Dichloroethene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
trans-1,3-Dichloropropene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/30/14 14:47
Report Date: 12/30/14
Customer #: 277310

Laboratory Results

Sample No: **4123764-01**
Sample Description: **T1-04-AS**

Collect Date: **12/30/14 14:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Trichloroethene	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Trichlorofluoromethane	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Vinyl chloride	< 50 ug/L		12/30/14 15:16	BP	EPA 624	04KS
Surrogate: 1,2-Dichloroethane-d4	*82 % 60.7-121*		*12/30/14 15:16*	*BP*	*EPA 624*	
Surrogate: Toluene-d8	*83 % 60.6-116*		*12/30/14 15:16*	*BP*	*EPA 624*	
Surrogate: Bromofluorobenzene	*79 % 69.7-113*		*12/30/14 15:16*	*BP*	*EPA 624*	

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/30/14 14:47
Report Date: 12/30/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B422010 - 04-No Prep VOA								
Blank (B422010-BLK1)			Prepared & Analyzed: 12/30/14					
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Benzene	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methylene chloride	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*25.7*	*ug/L*	*30.00*		*86*	*60.7-121*		
Surrogate: Toluene-d8	*24.2*	*ug/L*	*30.00*		*81*	*60.6-116*		
Surrogate: Bromofluorobenzene	*26.8*	*ug/L*	*30.00*		*89*	*69.7-113*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/30/14 14:47
Report Date: 12/30/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B422010 - 04-No Prep VOA								
LCS (B422010-BS1)			Prepared & Analyzed: 12/30/14					
1,1,1-Trichloroethane	21.2	ug/L	20.00		106	73-124		
1,1,2,2-Tetrachloroethane	20.3	ug/L	20.00		101	68-124		
1,1,2-Trichloroethane	20.2	ug/L	20.00		101	77-121		
1,1-Dichloroethane	22.2	ug/L	20.00		111	78-133		
1,1-Dichloroethene	21.0	ug/L	20.00		105	67-114		
1,2-Dichlorobenzene	22.0	ug/L	20.00		110	65-117		
1,2-Dichloroethane	20.3	ug/L	20.00		101	69-131		
1,2-Dichloropropane	21.8	ug/L	20.00		109	68-130		
1,3-Dichlorobenzene	22.2	ug/L	20.00		111	71-119		
1,4-Dichlorobenzene	23.2	ug/L	20.00		116	73-122		
2-Butanone	18.2	ug/L	20.00		91	70-130		
2-Chloroethylvinyl ether	11.0	ug/L	20.00		55	46-140		
Acrolein	184	ug/L	200.0		92	10-175		
Acrylonitrile	15.4	ug/L	20.00		77	35-133		
Benzene	18.3	ug/L	20.00		91	67-118		
Bromodichloromethane	20.4	ug/L	20.00		102	72-122		
Bromoform	20.4	ug/L	20.00		102	50-156		
Bromomethane	21.2	ug/L	20.00		106	10-186		
Carbon tetrachloride	23.7	ug/L	20.00		119	74-125		
Chlorobenzene	21.6	ug/L	20.00		108	68-117		
Chloroethane	19.6	ug/L	20.00		98	10-171		
Chloroform	25.1	ug/L	20.00		125	68-132		
Chloromethane	17.4	ug/L	20.00		87	59-123		
cis-1,3-Dichloropropene	17.9	ug/L	20.00		89	69-114		
Dibromochloromethane	17.8	ug/L	20.00		89	72-120		
Ethylbenzene	20.2	ug/L	20.00		101	73-119		
m,p-Xylene	41.1	ug/L	40.00		103	73-112		
Methylene chloride	20.8	ug/L	20.00		104	65-121		
o-Xylene	20.1	ug/L	20.00		101	73-112		
Tetrachloroethene	19.6	ug/L	20.00		98	36-163		
Toluene	18.8	ug/L	20.00		94	72-124		
trans-1,2-Dichloroethene	20.9	ug/L	20.00		104	64-114		
trans-1,3-Dichloropropene	17.5	ug/L	20.00		88	71-118		
Trichloroethene	19.1	ug/L	20.00		95	64-124		
Trichlorofluoromethane	22.4	ug/L	20.00		112	68-155		
Vinyl chloride	20.2	ug/L	20.00		101	57-148		
Surrogate: 1,2-Dichloroethane-d4	*24.4*	*ug/L*	*30.00*		*81*	*61.4-120*		
Surrogate: Toluene-d8	*25.2*	*ug/L*	*30.00*		*84*	*60.2-115*		
Surrogate: Bromofluorobenzene	*22.5*	*ug/L*	*30.00*		*75*	*69.2-108*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/30/14 14:47
Report Date: 12/30/14
Customer #: 277310

Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

Specific method revisions used for analysis are available upon request.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1

CLIENT: Bridgeton - Republic
ADDRESS:
CITY:
STATE:
ZIP:
CONTACT PERSON: N Lafata / D Bouchard

PROJECT NUMBER:
P. O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER:
FAX NUMBER:
EMAIL ADDRESS:
SAMPLER: Natalie Lafata
SAMPLER'S SIGNATURE:

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 4123764
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2

SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	TTO 624	Benzene						REMARKS
T1-04-AS	12/30/14	1400	X		WW	~~4~~ 5	X	X						pH=7.12 Temp=33°C

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE ASAP - by 6:30am 12/31/14
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
	12/30/14	1445	Heather Earhart	12/30/14	14:45
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	26 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

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PDC Laboratories, Inc.
3278 N Highway 67 • Florissant, MO 63033
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Sample No: **4123640-01**
Sample Description: **T1-03-AS**

Collect Date: **12/29/14 13:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1-Trichloroethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,1,2,2-Tetrachloroethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,1,2-Trichloroethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,1-Dichloroethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,1-Dichloroethene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,2-Dichlorobenzene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,2-Dichloroethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,2-Dichloropropane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,3-Dichlorobenzene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
1,4-Dichlorobenzene	64 ug/L		12/29/14 14:55	BP	EPA 624	04KS
2-Butanone	1000 ug/L		12/29/14 14:55	BP	EPA 624*	
2-Chloroethylvinyl ether	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Acrolein	< 500 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Acrylonitrile	< 100 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Benzene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Bromodichloromethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Bromoform	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Bromomethane	< 100 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Carbon tetrachloride	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Chlorobenzene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Chloroethane	< 100 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Chloroform	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Chloromethane	< 100 ug/L		12/29/14 14:55	BP	EPA 624	04KS
cis-1,3-Dichloropropene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Dibromochloromethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Ethylbenzene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
m,p-Xylene	< 100 ug/L		12/29/14 14:55	BP	EPA 624*	
Methylene chloride	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
o-Xylene	< 50 ug/L		12/29/14 14:55	BP	EPA 624*	
Tetrachloroethene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Toluene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
trans-1,2-Dichloroethene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
trans-1,3-Dichloropropene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Sample No: **4123640-01**
Sample Description: **T1-03-AS**

Collect Date: **12/29/14 13:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Trichloroethene	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Trichlorofluoromethane	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Vinyl chloride	< 50 ug/L		12/29/14 14:55	BP	EPA 624	04KS
Surrogate: 1,2-Dichloroethane-d4	*94 % 60.7-121*		*12/29/14 14:55*	*BP*	*EPA 624*	
Surrogate: Toluene-d8	*84 % 60.6-116*		*12/29/14 14:55*	*BP*	*EPA 624*	
Surrogate: Bromofluorobenzene	*93 % 69.7-113*		*12/29/14 14:55*	*BP*	*EPA 624*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
Blank (B421914-BLK1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Benzene	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methylene chloride	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*23.8*	*ug/L*	*30.00*		*79*	*60.7-121*		
Surrogate: Toluene-d8	*24.9*	*ug/L*	*30.00*		*83*	*60.6-116*		
Surrogate: Bromofluorobenzene	*23.2*	*ug/L*	*30.00*		*77*	*69.7-113*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
LCS (B421914-BS1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	18.5	ug/L	20.00		92	73-124		
1,1,2,2-Tetrachloroethane	18.4	ug/L	20.00		92	68-124		
1,1,2-Trichloroethane	18.9	ug/L	20.00		95	77-121		
1,1-Dichloroethane	19.4	ug/L	20.00		97	78-133		
1,1-Dichloroethene	18.0	ug/L	20.00		90	67-114		
1,2-Dichlorobenzene	19.6	ug/L	20.00		98	65-117		
1,2-Dichloroethane	21.1	ug/L	20.00		105	69-131		
1,2-Dichloropropane	20.6	ug/L	20.00		103	68-130		
1,3-Dichlorobenzene	19.5	ug/L	20.00		97	71-119		
1,4-Dichlorobenzene	19.5	ug/L	20.00		97	73-122		
2-Butanone	18.4	ug/L	20.00		92	70-130		
2-Chloroethylvinyl ether	10.3	ug/L	20.00		51	46-140		
Acrolein	153	ug/L	200.0		77	10-175		
Acrylonitrile	14.7	ug/L	20.00		73	35-133		
Benzene	20.4	ug/L	20.00		102	67-118		
Bromodichloromethane	20.5	ug/L	20.00		102	72-122		
Bromoform	20.8	ug/L	20.00		104	50-156		
Bromomethane	21.1	ug/L	20.00		106	10-186		
Carbon tetrachloride	20.6	ug/L	20.00		103	74-125		
Chlorobenzene	20.0	ug/L	20.00		100	68-117		
Chloroethane	11.1	ug/L	20.00		56	10-171		
Chloroform	20.2	ug/L	20.00		101	68-132		
Chloromethane	17.0	ug/L	20.00		85	59-123		
cis-1,3-Dichloropropene	17.7	ug/L	20.00		89	69-114		
Dibromochloromethane	19.6	ug/L	20.00		98	72-120		
Ethylbenzene	19.6	ug/L	20.00		98	73-119		
m,p-Xylene	39.8	ug/L	40.00		99	73-112		
Methylene chloride	18.4	ug/L	20.00		92	65-121		
o-Xylene	19.2	ug/L	20.00		96	73-112		
Tetrachloroethene	17.3	ug/L	20.00		87	36-163		
Toluene	19.4	ug/L	20.00		97	72-124		
trans-1,2-Dichloroethene	18.6	ug/L	20.00		93	64-114		
trans-1,3-Dichloropropene	18.6	ug/L	20.00		93	71-118		
Trichloroethene	18.1	ug/L	20.00		90	64-124		
Trichlorofluoromethane	19.7	ug/L	20.00		98	68-155		
Vinyl chloride	19.4	ug/L	20.00		97	57-148		
Surrogate: 1,2-Dichloroethane-d4	*25.6*	*ug/L*	*30.00*		*85*	*61.4-120*		
Surrogate: Toluene-d8	*23.3*	*ug/L*	*30.00*		*78*	*60.2-115*		
Surrogate: Bromofluorobenzene	*23.7*	*ug/L*	*30.00*		*79*	*69.2-108*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
LCS Dup (B421914-BSD1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	20.1	ug/L	20.00		101	73-124	8	40
1,1,2,2-Tetrachloroethane	19.0	ug/L	20.00		95	68-124	3	40
1,1,2-Trichloroethane	18.9	ug/L	20.00		95	77-121	0.001	40
1,1-Dichloroethane	20.4	ug/L	20.00		102	78-133	5	40
1,1-Dichloroethene	18.2	ug/L	20.00		91	67-114	1	40
1,2-Dichlorobenzene	19.3	ug/L	20.00		97	65-117	1	40
1,2-Dichloroethane	19.7	ug/L	20.00		98	69-131	7	40
1,2-Dichloropropane	19.7	ug/L	20.00		99	68-130	4	40
1,3-Dichlorobenzene	20.6	ug/L	20.00		103	71-119	6	40
1,4-Dichlorobenzene	20.9	ug/L	20.00		104	73-122	7	40
2-Butanone	16.9	ug/L	20.00		85	70-130	8	40
2-Chloroethylvinyl ether	12.9	ug/L	20.00		65	46-140	23	40
Acrolein	166	ug/L	200.0		83	10-175	8	40
Acrylonitrile	14.5	ug/L	20.00		72	35-133	1	40
Benzene	18.7	ug/L	20.00		94	67-118	8	40
Bromodichloromethane	19.5	ug/L	20.00		98	72-122	5	40
Bromoform	20.1	ug/L	20.00		100	50-156	3	40
Bromomethane	20.8	ug/L	20.00		104	10-186	1	40
Carbon tetrachloride	21.6	ug/L	20.00		108	74-125	5	40
Chlorobenzene	20.8	ug/L	20.00		104	68-117	4	40
Chloroethane	12.7	ug/L	20.00		64	10-171	13	40
Chloroform	20.9	ug/L	20.00		105	68-132	4	40
Chloromethane	16.7	ug/L	20.00		83	59-123	2	40
cis-1,3-Dichloropropene	18.5	ug/L	20.00		92	69-114	4	40
Dibromochloromethane	18.3	ug/L	20.00		92	72-120	7	40
Ethylbenzene	19.7	ug/L	20.00		98	73-119	0.04	40
m,p-Xylene	37.5	ug/L	40.00		94	73-112	6	40
Methylene chloride	18.4	ug/L	20.00		92	65-121	0.2	40
o-Xylene	20.9	ug/L	20.00		105	73-112	9	40
Tetrachloroethene	18.9	ug/L	20.00		94	36-163	9	40
Toluene	19.0	ug/L	20.00		95	72-124	2	40
trans-1,2-Dichloroethene	18.8	ug/L	20.00		94	64-114	1	40
trans-1,3-Dichloropropene	19.8	ug/L	20.00		99	71-118	6	40
Trichloroethene	18.3	ug/L	20.00		92	64-124	1	40
Trichlorofluoromethane	23.0	ug/L	20.00		115	68-155	16	40
Vinyl chloride	18.8	ug/L	20.00		94	57-148	3	40
Surrogate: 1,2-Dichloroethane-d4	*24.1*	*ug/L*	*30.00*		*80*	*61.4-120*		
Surrogate: Toluene-d8	*25.7*	*ug/L*	*30.00*		*86*	*60.2-115*		
Surrogate: Bromofluorobenzene	*23.5*	*ug/L*	*30.00*		*78*	*69.2-108*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 14:40
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Notes

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

Specific method revisions used for analysis are available upon request.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: Bridgeton Republic
ADDRESS:
CITY STATE ZIP:
CONTACT PERSON: Natalie Lafata

PROJECT NUMBER | P. O. NUMBER | MEANS SHIPPED
PHONE NUMBER | FAX NUMBER | EMAIL ADDRESS
SAMPLER: Natalie Lafata
SAMPLER'S SIGNATURE:

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 4123640
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	ETO 124	Benzene	REMARKS
~~E~~ T1-03-AS	12/29/14	1345	X		WW	5	XX		pH-6.84 Temp-34°C

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE ASAP-12-30-14 @ 6:30AM
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
	12/29/14	1:45	Courtland	12/29/14	14:35
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	25 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Sample No: **4123589-01**
Sample Description: **T1-02-AS**

Collect Date: **12/29/14 06:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1-Trichloroethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,1,2,2-Tetrachloroethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,1,2-Trichloroethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,1-Dichloroethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,1-Dichloroethene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,2-Dichlorobenzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,2-Dichloroethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,2-Dichloropropane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,3-Dichlorobenzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
1,4-Dichlorobenzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
2-Butanone	890 ug/L		12/29/14 10:57	BP	EPA 624*	
2-Chloroethylvinyl ether	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Acrolein	< 500 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Acrylonitrile	< 100 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Benzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Bromodichloromethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Bromoform	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Bromomethane	< 100 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Carbon tetrachloride	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Chlorobenzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Chloroethane	< 100 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Chloroform	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Chloromethane	< 100 ug/L		12/29/14 10:57	BP	EPA 624	04KS
cis-1,3-Dichloropropene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Dibromochloromethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Ethylbenzene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
m,p-Xylene	< 100 ug/L		12/29/14 10:57	BP	EPA 624*	
Methylene chloride	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
o-Xylene	< 50 ug/L		12/29/14 10:57	BP	EPA 624*	
Tetrachloroethene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Toluene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
trans-1,2-Dichloroethene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
trans-1,3-Dichloropropene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Sample No: **4123589-01**
Sample Description: **T1-02-AS**

Collect Date: **12/29/14 06:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Trichloroethene	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Trichlorofluoromethane	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Vinyl chloride	< 50 ug/L		12/29/14 10:57	BP	EPA 624	04KS
Surrogate: 1,2-Dichloroethane-d4	*74 % 60.7-121*		*12/29/14 10:57*	*BP*	*EPA 624*	
Surrogate: Toluene-d8	*81 % 60.6-116*		*12/29/14 10:57*	*BP*	*EPA 624*	
Surrogate: Bromofluorobenzene	*87 % 69.7-113*		*12/29/14 10:57*	*BP*	*EPA 624*	

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
Blank (B421914-BLK1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Benzene	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methylene chloride	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*23.8*	*ug/L*	*30.00*		*79*	*60.7-121*		
Surrogate: Toluene-d8	*24.9*	*ug/L*	*30.00*		*83*	*60.6-116*		
Surrogate: Bromofluorobenzene	*23.2*	*ug/L*	*30.00*		*77*	*69.7-113*		

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
LCS (B421914-BS1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	18.5	ug/L	20.00		92	73-124		
1,1,2,2-Tetrachloroethane	18.4	ug/L	20.00		92	68-124		
1,1,2-Trichloroethane	18.9	ug/L	20.00		95	77-121		
1,1-Dichloroethane	19.4	ug/L	20.00		97	78-133		
1,1-Dichloroethene	18.0	ug/L	20.00		90	67-114		
1,2-Dichlorobenzene	19.6	ug/L	20.00		98	65-117		
1,2-Dichloroethane	21.1	ug/L	20.00		105	69-131		
1,2-Dichloropropane	20.6	ug/L	20.00		103	68-130		
1,3-Dichlorobenzene	19.5	ug/L	20.00		97	71-119		
1,4-Dichlorobenzene	19.5	ug/L	20.00		97	73-122		
2-Butanone	18.4	ug/L	20.00		92	70-130		
2-Chloroethylvinyl ether	10.3	ug/L	20.00		51	46-140		
Acrolein	153	ug/L	200.0		77	10-175		
Acrylonitrile	14.7	ug/L	20.00		73	35-133		
Benzene	20.4	ug/L	20.00		102	67-118		
Bromodichloromethane	20.5	ug/L	20.00		102	72-122		
Bromoform	20.8	ug/L	20.00		104	50-156		
Bromomethane	21.1	ug/L	20.00		106	10-186		
Carbon tetrachloride	20.6	ug/L	20.00		103	74-125		
Chlorobenzene	20.0	ug/L	20.00		100	68-117		
Chloroethane	11.1	ug/L	20.00		56	10-171		
Chloroform	20.2	ug/L	20.00		101	68-132		
Chloromethane	17.0	ug/L	20.00		85	59-123		
cis-1,3-Dichloropropene	17.7	ug/L	20.00		89	69-114		
Dibromochloromethane	19.6	ug/L	20.00		98	72-120		
Ethylbenzene	19.6	ug/L	20.00		98	73-119		
m,p-Xylene	39.8	ug/L	40.00		99	73-112		
Methylene chloride	18.4	ug/L	20.00		92	65-121		
o-Xylene	19.2	ug/L	20.00		96	73-112		
Tetrachloroethene	17.3	ug/L	20.00		87	36-163		
Toluene	19.4	ug/L	20.00		97	72-124		
trans-1,2-Dichloroethene	18.6	ug/L	20.00		93	64-114		
trans-1,3-Dichloropropene	18.6	ug/L	20.00		93	71-118		
Trichloroethene	18.1	ug/L	20.00		90	64-124		
Trichlorofluoromethane	19.7	ug/L	20.00		98	68-155		
Vinyl chloride	19.4	ug/L	20.00		97	57-148		
Surrogate: 1,2-Dichloroethane-d4	*25.6*	*ug/L*	*30.00*		*85*	*61.4-120*		
Surrogate: Toluene-d8	*23.3*	*ug/L*	*30.00*		*78*	*60.2-115*		
Surrogate: Bromofluorobenzene	*23.7*	*ug/L*	*30.00*		*79*	*69.2-108*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B421914 - 04-No Prep VOA								
LCS Dup (B421914-BSD1)			Prepared & Analyzed: 12/29/14					
1,1,1-Trichloroethane	20.1	ug/L	20.00		101	73-124	8	40
1,1,2,2-Tetrachloroethane	19.0	ug/L	20.00		95	68-124	3	40
1,1,2-Trichloroethane	18.9	ug/L	20.00		95	77-121	0.001	40
1,1-Dichloroethane	20.4	ug/L	20.00		102	78-133	5	40
1,1-Dichloroethene	18.2	ug/L	20.00		91	67-114	1	40
1,2-Dichlorobenzene	19.3	ug/L	20.00		97	65-117	1	40
1,2-Dichloroethane	19.7	ug/L	20.00		98	69-131	7	40
1,2-Dichloropropane	19.7	ug/L	20.00		99	68-130	4	40
1,3-Dichlorobenzene	20.6	ug/L	20.00		103	71-119	6	40
1,4-Dichlorobenzene	20.9	ug/L	20.00		104	73-122	7	40
2-Butanone	16.9	ug/L	20.00		85	70-130	8	40
2-Chloroethylvinyl ether	12.9	ug/L	20.00		65	46-140	23	40
Acrolein	166	ug/L	200.0		83	10-175	8	40
Acrylonitrile	14.5	ug/L	20.00		72	35-133	1	40
Benzene	18.7	ug/L	20.00		94	67-118	8	40
Bromodichloromethane	19.5	ug/L	20.00		98	72-122	5	40
Bromoform	20.1	ug/L	20.00		100	50-156	3	40
Bromomethane	20.8	ug/L	20.00		104	10-186	1	40
Carbon tetrachloride	21.6	ug/L	20.00		108	74-125	5	40
Chlorobenzene	20.8	ug/L	20.00		104	68-117	4	40
Chloroethane	12.7	ug/L	20.00		64	10-171	13	40
Chloroform	20.9	ug/L	20.00		105	68-132	4	40
Chloromethane	16.7	ug/L	20.00		83	59-123	2	40
cis-1,3-Dichloropropene	18.5	ug/L	20.00		92	69-114	4	40
Dibromochloromethane	18.3	ug/L	20.00		92	72-120	7	40
Ethylbenzene	19.7	ug/L	20.00		98	73-119	0.04	40
m,p-Xylene	37.5	ug/L	40.00		94	73-112	6	40
Methylene chloride	18.4	ug/L	20.00		92	65-121	0.2	40
o-Xylene	20.9	ug/L	20.00		105	73-112	9	40
Tetrachloroethene	18.9	ug/L	20.00		94	36-163	9	40
Toluene	19.0	ug/L	20.00		95	72-124	2	40
trans-1,2-Dichloroethene	18.8	ug/L	20.00		94	64-114	1	40
trans-1,3-Dichloropropene	19.8	ug/L	20.00		99	71-118	6	40
Trichloroethene	18.3	ug/L	20.00		92	64-124	1	40
Trichlorofluoromethane	23.0	ug/L	20.00		115	68-155	16	40
Vinyl chloride	18.8	ug/L	20.00		94	57-148	3	40
Surrogate: 1,2-Dichloroethane-d4	*24.1*	*ug/L*	*30.00*		*80*	*61.4-120*		
Surrogate: Toluene-d8	*25.7*	*ug/L*	*30.00*		*86*	*60.2-115*		
Surrogate: Bromofluorobenzene	*23.5*	*ug/L*	*30.00*		*78*	*69.2-108*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 12/29/14 7:20
Report Date: 12/29/14
Customer #: 277310

Laboratory Results

Notes

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PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

Specific method revisions used for analysis are available upon request.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
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Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: Bridgetm - Republic

ADDRESS

CITY
STATE
ZIP

CONTACT PERSON: Natalie D Bouchard

PROJECT NUMBER | P.O. NUMBER | MEANS SHIPPED

PHONE NUMBER | FAX NUMBER | EMAIL ADDRESS

SAMPLER

SAMPLER'S SIGNATURE

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 4123589
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	BOD	COD	TTO 624	Benzene				REMARKS
LFTP-P28-013	12/28/14	0100-2300		X	WW	1	X	X						
T1-02-AS	12/29/14	0615	X		WW	8			X	X				pH-6.87 33°C

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE

RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature.

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
	12/29/14	0720		12/29/14	0720
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	20.4 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

PAGE ____ OF ____

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Natalie LaFata

Date Received: 12/31/14 9:27
Report Date: 01/06/15
Customer #: 277310
PO#: 4799074

Laboratory Results

Sample No: **4123785-04**
Sample Description: **T1-01-AS**

Collect Date: **12/26/14 06:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
Solids - total suspended solids (TSS)	10000 mg/L		01/02/15 11:00	das	SM 2540D	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Natalie LaFata

Date Received: 12/31/14 9:27
Report Date: 01/06/15
Customer #: 277310
PO#: 4799074

Laboratory Results

General Chemistry - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B422056 - 04-No Prep WC									
Blank (B422056-BLK1)				Prepared & Analyzed: 12/31/14					
BOD	C	< 6.0	mg/L						
LCS (B422056-BS1)				Prepared & Analyzed: 12/31/14					
BOD	C	128	mg/L	198.0		65	34.6-115.4		
Duplicate (B422056-DUP1)		**Source: 4123680-01**		Prepared & Analyzed: 12/31/14					
BOD	C	29.2	mg/L		25.8			12	20
Batch B500013 - 04-No Prep WC									
Calibration Blank (B500013-CCB2)				Prepared: 12/31/14 Analyzed: 01/02/15					
COD		-12.6	mg/L						
Calibration Check (B500013-CCV2)				Prepared: 12/31/14 Analyzed: 01/02/15					
COD		486	mg/L	500.0		97	95-105		
Duplicate (B500013-DUP2)		**Source: 4123785-01**		Prepared: 12/31/14 Analyzed: 01/02/15					
COD		10200	mg/L		10200			0.4	20
Batch B500015 - 04-No Prep WC									
Blank (B500015-BLK1)				Prepared & Analyzed: 01/02/15					
Solids - total suspended solids (TSS)		< 2.0	mg/L						
LCS (B500015-BS1)				Prepared & Analyzed: 01/02/15					
Solids - total suspended solids (TSS)		99.0	mg/L	100.0		99	82.9-110		
Duplicate (B500015-DUP1)		**Source: 4123857-03**		Prepared & Analyzed: 01/02/15					
Solids - total suspended solids (TSS)		< 2.0	mg/L		ND				5
Duplicate (B500015-DUP2)		**Source: 4123859-01**		Prepared & Analyzed: 01/02/15					
Solids - total suspended solids (TSS)		2.00	mg/L		2.40			18	5

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Natalie LaFata

Date Received: 12/31/14 9:27
Report Date: 01/06/15
Customer #: 277310
PO#: 4799074

Laboratory Results

Notes

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

Specific method revisions used for analysis are available upon request.

H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.
C The blank spike failed to meet the required acceptance criteria.
C The blank spike failed to meet the required acceptance criteria.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
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CHAIN OF CUSTODY RECORD

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Fax (314) 432-4977

State where samples collected _____

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1			
CLIENT: Burlington - Republic	PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED
ADDRESS:	PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS
CITY: STATE: ZIP:	SAMPLER:		MATRIX TYPES: WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-SOLID, L'CHT-LEACHATE, NAL-NONAQUEOUS, SOIL-SOILS
CONTACT PERSON: Natalie Lafata	SAMPLER'S SIGNATURE:		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 4123785
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	BOD	COD	TSS					REMARKS
														PDC #14
T1-04-AS	12/30/14	14:00					✓	✓	✓					-4123764
T1-03-AS	12/29/14	13:45					✓	✓	✓					-4123640
T1-02-AS	12/29/14	06:15					✓	✓	✓					-4123589
T1-01-AS	12/26/14	06:00					✓	✓	✓					-4123524

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) Fastrak™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
			R Shell	12/31/14	8:40
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	5.3 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	_____

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO