

June 19, 2013

Eric Grosjean  
Atmospheric Analysis & Consult  
1534 Eastman Ave  
Suite A  
Ventura, CA 93003

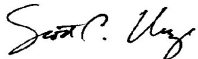
RE: Project: Bridgeton Sanitary LF  
Pace Project No.: 10230435

Dear Eric Grosjean:

Enclosed are the analytical results for sample(s) received by the laboratory on May 31, 2013. 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,



Scott Unze

scott.unze@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

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### Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: Pace

Florida/NELAP Certification #: E87605

Georgia Certification #: 959

Hawaii Certification #Pace

Idaho Certification #: MN00064

Illinois Certification #: 200011

Kansas Certification #: E-10167

Louisiana Certification #: 03086

Louisiana Certification #: LA080009

Maine Certification #: 2007029

Maryland Certification #: 322

Michigan DEQ Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT CERT0092

Nevada Certification #: MN\_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Dakota Certification #: R-036

North Dakota Certification #: R-036A

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Tennessee Certification #: 02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia/DCLS Certification #: 002521

Virginia/VELAP Certification #: 460163

Washington Certification #: C754

West Virginia Certification #: 382

Wisconsin Certification #: 999407970

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10230435001	V-1	Air	05/30/13 00:00	05/31/13 09:23
10230435002	BZ-1	Air	05/30/13 00:00	05/31/13 09:23
10230435003	D-1	Air	05/30/13 00:00	05/31/13 09:23
10230435004	Trip Blank	Air	05/30/13 00:00	05/31/13 09:23

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### SAMPLE ANALYTE COUNT

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

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Lab ID	Sample ID	Method	Analysts	Analytes Reported
10230435001	V-1	TO-13	JMZ	21
10230435002	BZ-1	TO-13	JMZ	21
10230435003	D-1	TO-13	JMZ	21
10230435004	Trip Blank	TO-13	JMZ	21

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## ANALYTICAL RESULTS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Sample: V-1		Lab ID: 10230435001	Collected: 05/30/13 00:00	Received: 05/31/13 09:23	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO13 MSSV AIR</b>		Analytical Method: TO-13 Preparation Method: TO-13						
Acenaphthene	<b>0.13</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	83-32-9	
Acenaphthylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	208-96-8	
Anthracene	<b>0.20</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	120-12-7	
Benzo(a)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	56-55-3	
Benzo(a)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	50-32-8	
Benzo(b)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	205-99-2	
Benzo(e)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	192-97-2	
Benzo(g,h,i)perylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	191-24-2	
Benzo(k)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	207-08-9	
Chrysene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	218-01-9	
Dibenz(a,h)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	53-70-3	
Fluoranthene	<b>1.9</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	206-44-0	
Fluorene	<b>0.35</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	193-39-5	
1-Methylnaphthalene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	90-12-0	
2-Methylnaphthalene	ND Total ug		1.0	10	06/06/13 16:19	06/13/13 10:30	91-57-6	D3,L3
Naphthalene	<b>0.15</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	91-20-3	B,L1
Phenanthrene	<b>5.6</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	85-01-8	
Pyrene	<b>0.67</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 09:49	129-00-0	
<b>Surrogates</b>								
Terphenyl-d14 (S)	68 %		60-120	1	06/06/13 16:19	06/13/13 09:49	1718-51-0	
2-Fluorobiphenyl (S)	66 %		60-120	1	06/06/13 16:19	06/13/13 09:49	321-60-8	

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### ANALYTICAL RESULTS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Sample: BZ-1		Lab ID: 10230435002	Collected: 05/30/13 00:00	Received: 05/31/13 09:23	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO13 MSSV AIR</b>		Analytical Method: TO-13 Preparation Method: TO-13						
Acenaphthene	<b>0.42</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	83-32-9	
Acenaphthylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	208-96-8	
Anthracene	<b>0.86</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	120-12-7	
Benzo(a)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	56-55-3	
Benzo(a)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	50-32-8	
Benzo(b)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	205-99-2	
Benzo(e)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	192-97-2	
Benzo(g,h,i)perylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	191-24-2	
Benzo(k)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	207-08-9	
Chrysene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	218-01-9	
Dibenz(a,h)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	53-70-3	
Fluoranthene	<b>1.7</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	206-44-0	
Fluorene	<b>1.1</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	193-39-5	
1-Methylnaphthalene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	90-12-0	
2-Methylnaphthalene	ND Total ug		1.0	10	06/06/13 16:19	06/16/13 19:20	91-57-6	D3,L3
Naphthalene	<b>0.23</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	91-20-3	B,L1
Phenanthrene	<b>15.7</b> Total ug		1.0	10	06/06/13 16:19	06/16/13 19:20	85-01-8	
Pyrene	<b>0.68</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:09	129-00-0	
<b>Surrogates</b>								
Terphenyl-d14 (S)	83 %		60-120	1	06/06/13 16:19	06/13/13 10:09	1718-51-0	
2-Fluorobiphenyl (S)	81 %		60-120	1	06/06/13 16:19	06/13/13 10:09	321-60-8	

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## ANALYTICAL RESULTS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Sample: D-1		Lab ID: 10230435003	Collected: 05/30/13 00:00	Received: 05/31/13 09:23	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO13 MSSV AIR</b>		Analytical Method: TO-13 Preparation Method: TO-13						
Acenaphthene	<b>0.14</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	83-32-9	
Acenaphthylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	208-96-8	
Anthracene	<b>0.34</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	120-12-7	
Benzo(a)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	56-55-3	
Benzo(a)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	50-32-8	
Benzo(b)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	205-99-2	
Benzo(e)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	192-97-2	
Benzo(g,h,i)perylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	191-24-2	
Benzo(k)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	207-08-9	
Chrysene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	218-01-9	
Dibenz(a,h)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	53-70-3	
Fluoranthene	<b>1.5</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	206-44-0	
Fluorene	<b>0.53</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	193-39-5	
1-Methylnaphthalene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	90-12-0	
2-Methylnaphthalene	ND Total ug		1.0	10	06/06/13 16:19	06/16/13 19:41	91-57-6	D3,L3
Naphthalene	<b>0.18</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	91-20-3	B,L1
Phenanthrene	<b>6.5</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	85-01-8	
Pyrene	<b>0.56</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 11:32	129-00-0	
<b>Surrogates</b>								
Terphenyl-d14 (S)	77 %		60-120	1	06/06/13 16:19	06/13/13 11:32	1718-51-0	
2-Fluorobiphenyl (S)	73 %		60-120	1	06/06/13 16:19	06/13/13 11:32	321-60-8	

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## ANALYTICAL RESULTS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Sample: Trip Blank		Lab ID: 10230435004	Collected: 05/30/13 00:00	Received: 05/31/13 09:23	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO13 MSSV AIR</b>		Analytical Method: TO-13 Preparation Method: TO-13						
Acenaphthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	83-32-9	
Acenaphthylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	208-96-8	
Anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	120-12-7	
Benzo(a)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	56-55-3	
Benzo(a)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	50-32-8	
Benzo(b)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	205-99-2	
Benzo(e)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	192-97-2	
Benzo(g,h,i)perylene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	191-24-2	
Benzo(k)fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	207-08-9	
Chrysene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	218-01-9	
Dibenz(a,h)anthracene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	53-70-3	
Fluoranthene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	206-44-0	
Fluorene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	193-39-5	
1-Methylnaphthalene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	90-12-0	
2-Methylnaphthalene	ND Total ug		1.0	10	06/06/13 16:19	06/16/13 20:02	91-57-6	D3,L3
Naphthalene	<b>0.29</b> Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	91-20-3	B,L1
Phenanthrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	85-01-8	
Pyrene	ND Total ug		0.10	1	06/06/13 16:19	06/13/13 10:51	129-00-0	
<b>Surrogates</b>								
Terphenyl-d14 (S)	102 %		60-120	1	06/06/13 16:19	06/13/13 10:51	1718-51-0	
2-Fluorobiphenyl (S)	101 %		60-120	1	06/06/13 16:19	06/13/13 10:51	321-60-8	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

QC Batch: OEXT/21922 Analysis Method: TO-13  
QC Batch Method: TO-13 Analysis Description: TO13 MSS AIR  
Associated Lab Samples: 10230435001, 10230435002, 10230435003, 10230435004

METHOD BLANK: 1451631 Matrix: Air  
Associated Lab Samples: 10230435001, 10230435002, 10230435003, 10230435004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	Total ug	0.11	0.10	06/13/13 08:47	
2-Methylnaphthalene	Total ug	ND	1.0	06/16/13 18:18	D3
Acenaphthene	Total ug	ND	0.10	06/13/13 08:47	
Acenaphthylene	Total ug	ND	0.10	06/13/13 08:47	
Anthracene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(a)anthracene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(a)pyrene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(b)fluoranthene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(e)pyrene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(g,h,i)perylene	Total ug	ND	0.10	06/13/13 08:47	
Benzo(k)fluoranthene	Total ug	ND	0.10	06/13/13 08:47	
Chrysene	Total ug	ND	0.10	06/13/13 08:47	
Dibenz(a,h)anthracene	Total ug	ND	0.10	06/13/13 08:47	
Fluoranthene	Total ug	ND	0.10	06/13/13 08:47	
Fluorene	Total ug	ND	0.10	06/13/13 08:47	
Indeno(1,2,3-cd)pyrene	Total ug	ND	0.10	06/13/13 08:47	
Naphthalene	Total ug	1.3	0.10	06/13/13 08:47	
Phenanthrene	Total ug	ND	0.10	06/13/13 08:47	
Pyrene	Total ug	ND	0.10	06/13/13 08:47	
2-Fluorobiphenyl (S)	%	79	60-120	06/13/13 08:47	
Terphenyl-d14 (S)	%	79	60-120	06/13/13 08:47	

LABORATORY CONTROL SAMPLE & LCSD: 1451632 1451633

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	Total ug	1	0.78	0.72	78	72	60-120	9	30	
2-Methylnaphthalene	Total ug	1	1.2	1.0	123	103	60-120	18	30	D3,L0
Acenaphthene	Total ug	1	0.84	0.80	84	80	60-120	4	30	
Acenaphthylene	Total ug	1	0.83	0.77	83	77	60-120	8	30	
Anthracene	Total ug	1	0.79	0.77	79	77	60-120	2	30	
Benzo(a)anthracene	Total ug	1	0.89	0.85	89	85	60-120	4	30	
Benzo(a)pyrene	Total ug	1	0.88	0.84	88	84	60-120	4	30	
Benzo(b)fluoranthene	Total ug	1	0.92	0.88	92	88	60-120	4	30	
Benzo(e)pyrene	Total ug	1	0.94	0.91	94	91	60-120	3	30	
Benzo(g,h,i)perylene	Total ug	1	0.93	0.90	93	90	60-120	3	30	
Benzo(k)fluoranthene	Total ug	1	0.85	0.83	85	83	60-120	2	30	
Chrysene	Total ug	1	0.78	0.76	78	76	60-120	3	30	
Dibenz(a,h)anthracene	Total ug	1	0.92	0.87	92	87	60-120	6	30	
Fluoranthene	Total ug	1	0.88	0.87	88	87	60-120	.4	30	
Fluorene	Total ug	1	0.86	0.80	86	80	60-120	7	30	
Indeno(1,2,3-cd)pyrene	Total ug	1	0.90	0.86	90	86	60-120	4	30	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

LABORATORY CONTROL SAMPLE & LCSD:		1451632	1451633							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	Total ug	1	2.3	1.8	229	183	60-120	22	30	L0
Phenanthrene	Total ug	1	0.80	0.80	80	80	60-120	.04	30	
Pyrene	Total ug	1	0.83	0.79	83	79	60-120	5	30	
2-Fluorobiphenyl (S)	%				75	72	60-120			
Terphenyl-d14 (S)	%				77	75	60-120			

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## QUALIFIERS

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

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### 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.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

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 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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bridgeton Sanitary LF

Pace Project No.: 10230435

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10230435001	V-1	TO-13	OEXT/21922	TO-13	MSSV/9372
10230435002	BZ-1	TO-13	OEXT/21922	TO-13	MSSV/9372
10230435003	D-1	TO-13	OEXT/21922	TO-13	MSSV/9372
10230435004	Trip Blank	TO-13	OEXT/21922	TO-13	MSSV/9372

### REPORT OF LABORATORY ANALYSIS

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SHORT  
HOLD

1122  
5/21/13  
M

10230935

**CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM**

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE		Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011		Date: 5/30/13	Page 1 of 1										
Project Manager: PAUL ROSENFELD, PH.D.		<b>REQUESTED TESTS / ANALYSES</b>													
Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401															
Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT		Reduced Sulfur Compounds - ASTM D6504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation	Special Instructions / Conditions of Receipt	
LAB ID	SAMPLE ID NUMBER	Type	Date	Time											
	U-1	PUF	5/30/13												
	BZ-1	sh	5/30/13												
	D-1		5/30/13												
	TRIP BLANK	PUF	5/30/13												
Sampled By: <i>ERIC WINTERGAR</i>		Sampler Signature: <i>[Signature]</i>													

QC Requirements:  
Provide Level IV QC Package for all Analyses.

Requested Turnaround Time:  
Standard turn-around for all analyses. If possible deliver report within 2 weeks.

Relinquished By: <i>[Signature]</i>	Date: 5/30/13	Time: 0915	Received By: <i>[Signature]</i>	Date: 5/30/13	Time: 9:30
Relinquished By: <i>[Signature]</i>	Date: 5/30/13	Time: 10:00	Received By: <i>[Signature]</i>	Date: 5/31/13	Time: 02:30
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

T=4.8

**Sample Condition Upon Receipt**

Client Name: Soil/Water Air Protection Enterprises Project #: WO# : 10230435

Courier:  Fed Ex  UPS  USPS  Client  
 Commercial  Pace  Other: \_\_\_\_\_



Tracking Number: 7998 1778 0758

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_ Temp Blank?  Yes  No

Thermom. Used:  B88A912167504  80512447  72337080 Type of Ice:  Wet  Blue  None  Samples on ice, cooling process has begun

Cooler Temp Read (°C): 4.6 Cooler Temp Corrected (°C): 4.0 Biological Tissue Frozen?  Yes  No  
 Temp should be above freezing to 6°C Correction Factor: +1.2 Date and Initials of Person Examining Contents: 5/31/13/PA

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes Date/Time/ID/Analysis Matrix: <u>PAF</u>		
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13. All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl<2; NaOH>12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sample #
Headspace in VOA Vials (>6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Initial when completed: _____ Lot # of added preservative: _____
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Pace Trip Blank Lot # (if purchased): _____		

**CLIENT NOTIFICATION/RESOLUTION**

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

**Project Manager Review:**

Date: 05/31/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)