



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

January 12, 2016

Chris Kubacki  
ARCADIS  
126 N Jefferson St., Ste 400  
Milwaukee, WI 53202  
RE: Madison Kipp - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 01/11/2016.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

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

Sincerely,

Jessica Esser  
Project Manager

**Certification List**

Certification List			Expires
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2016
FDOH	Florida Secondary NELAP Accreditation	E871093	06/30/2016
ILEPA	Illinois Secondary NELAP Accreditation	003174	04/30/2016
KDHE	Kansas Secondary NELAP Accreditation	E-10384	01/31/2016
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2016
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2016
ODEQ	Oklahoma Department of Environmental Quality Accreditation	2014-153	08/31/2016
TCEQ	Texas Secondary NELAP Accreditation	T104704504-15-6	11/30/2016
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2016



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126 N Jefferson St., Ste 400  
Milwaukee WI, 53202

Project: Madison Kipp - Madison, WI  
Project Number: WI001368.0034  
Project Manager: Chris Kubacki

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DUP-2	A160301-01	Soil	01/11/2016	01/11/2016
BP-SIDE-28	A160301-02	Soil	01/11/2016	01/11/2016
BP-SIDE-29	A160301-03	Soil	01/11/2016	01/11/2016
BP-SIDE-30	A160301-04	Soil	01/11/2016	01/11/2016
BP-BOT-31	A160301-05	Soil	01/11/2016	01/11/2016
BP-BOT-32	A160301-06	Soil	01/11/2016	01/11/2016
BP-STRMWTR-1	A160301-07	Water	01/11/2016	01/11/2016
BP-STRMWTR-2	A160301-08	Water	01/11/2016	01/11/2016

**CASE NARRATIVE**

**Sample Receipt Information:**

8 samples were received on 01/11/2016. Samples were received on ice. Samples were received in acceptable condition.

Please see the chain of custody (COC) document at the end of this report for additional information.



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**DUP-2**  
**A160301-01 (Soil)**

Date Sampled  
 01/11/2016 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.0095	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
PCB-1221	ND	0.0053	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
PCB-1232	ND	0.0036	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
PCB-1242	ND	0.0056	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
PCB-1248	ND	0.0068	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
<b>PCB-1254</b>	<b>0.042</b>	0.0056	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	J
PCB-1260	ND	0.0031	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	
<b>Total PCBs</b>	<b>0.042</b>	0.0095	0.13	mg/kg dry	1	01/11/2016	01/11/2016 17:47	EPA 8082A	J

Surrogate: Decachlorobiphenyl

99.3 % 66.3-138

01/11/2016 01/11/2016 17:47

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

95.4 % 61.6-142

01/11/2016 01/11/2016 17:47

EPA 8082A

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>78.0</b>		0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B	
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**BP-SIDE-28**  
**A160301-02 (Soil)**

**Date Sampled**  
**01/11/2016 12:53**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.0097	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
PCB-1221	ND	0.0054	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
PCB-1232	ND	0.0037	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
PCB-1242	ND	0.0058	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
PCB-1248	ND	0.0070	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
<b>PCB-1254</b>	<b>0.095</b>	0.0058	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	J
PCB-1260	ND	0.0032	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	
<b>Total PCBs</b>	<b>0.095</b>	0.0097	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:12	EPA 8082A	J
<i>Surrogate: Decachlorobiphenyl</i>			<i>106 %</i>	<i>66.3-138</i>		<i>01/11/2016</i>	<i>01/11/2016 18:12</i>	<i>EPA 8082A</i>	
<i>Surrogate: Tetrachloro-meta-xylene</i>			<i>99.4 %</i>	<i>61.6-142</i>		<i>01/11/2016</i>	<i>01/11/2016 18:12</i>	<i>EPA 8082A</i>	

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>75.9</b>		0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B	
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**BP-SIDE-29**  
**A160301-03 (Soil)**

**Date Sampled**  
**01/11/2016 12:51**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.0093	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
PCB-1221	ND	0.0052	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
PCB-1232	ND	0.0035	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
PCB-1242	ND	0.0055	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
<b>PCB-1248</b>	<b>4.9</b>	0.0067	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
<b>PCB-1254</b>	<b>1.8</b>	0.0055	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
PCB-1260	ND	0.0030	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
<b>Total PCBs</b>	<b>6.8</b>	0.0093	0.13	mg/kg dry	1	01/11/2016	01/11/2016 18:37	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>			101 %	66.3-138		01/11/2016	01/11/2016 18:37	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>			98.0 %	61.6-142		01/11/2016	01/11/2016 18:37	EPA 8082A	

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>79.4</b>		0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B	
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**BP-SIDE-30**  
**A160301-04 (Soil)**

Date Sampled  
 01/11/2016 12:55

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.010	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
PCB-1221	ND	0.0057	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
PCB-1232	ND	0.0039	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
PCB-1242	ND	0.0061	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
PCB-1248	ND	0.0074	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
<b>PCB-1254</b>	<b>22</b>	0.061	1.4	mg/kg dry	10	01/11/2016	01/12/2016 11:07	EPA 8082A	D
PCB-1260	ND	0.0034	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	
<b>Total PCBs</b>	<b>22</b>	0.010	0.14	mg/kg dry	1	01/11/2016	01/11/2016 19:52	EPA 8082A	

Surrogate: Decachlorobiphenyl			99.9 %	66.3-138		01/11/2016	01/11/2016 19:52	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			103 %	61.6-142		01/11/2016	01/11/2016 19:52	EPA 8082A	

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>71.6</b>		0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B	
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ARCADIS  
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 Project Number: WI001368.0034  
 Project Manager: Chris Kubacki

**BP-BOT-31**  
**A160301-05 (Soil)**

**Date Sampled**  
**01/11/2016 12:47**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.0097	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
PCB-1221	ND	0.0054	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
PCB-1232	ND	0.0037	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
PCB-1242	ND	0.0058	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
PCB-1248	ND	0.0069	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
<b>PCB-1254</b>	<b>0.12</b>	0.0058	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	J
PCB-1260	ND	0.0031	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	
<b>Total PCBs</b>	<b>0.12</b>	0.0097	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:17	EPA 8082A	J
<i>Surrogate: Decachlorobiphenyl</i>			91.4 %	66.3-138		01/11/2016	01/11/2016 20:17	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>			91.5 %	61.6-142		01/11/2016	01/11/2016 20:17	EPA 8082A	

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>76.4</b>	0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B		
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**BP-BOT-32**  
**A160301-06 (Soil)**

Date Sampled  
 01/11/2016 12:49

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601029**

PCB-1016	ND	0.0094	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
PCB-1221	ND	0.0052	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
PCB-1232	ND	0.0036	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
PCB-1242	ND	0.0056	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
<b>PCB-1248</b>	<b>0.15</b>	0.0067	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
PCB-1254	ND	0.0056	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
PCB-1260	ND	0.0031	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
<b>Total PCBs</b>	<b>0.15</b>	0.0094	0.13	mg/kg dry	1	01/11/2016	01/11/2016 20:42	EPA 8082A	
Surrogate: Decachlorobiphenyl			92.1 %	66.3-138		01/11/2016	01/11/2016 20:42	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			92.0 %	61.6-142		01/11/2016	01/11/2016 20:42	EPA 8082A	

**Classical Chemistry Parameters**

**Preparation Batch: A601031**

<b>% Solids</b>	<b>78.5</b>		0.00	% by Weight	1	01/11/2016	01/12/2016 12:52	SM 2540B	
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**BP-STRMWTR-1**  
**A160301-07 (Water)**

Date Sampled  
 01/11/2016 12:34

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601030**

PCB-1016	ND	0.035	0.13	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	
PCB-1221	ND	0.020	0.25	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	
PCB-1232	ND	0.037	0.13	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	
PCB-1242	ND	0.038	0.13	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	
<b>PCB-1248</b>	<b>36</b>	0.080	0.50	ug/L	4	01/11/2016	01/12/2016 11:32	EPA 8082A	D
PCB-1254	ND	0.0090	0.13	ug/L	1	01/11/2016	01/12/2016 11:32	EPA 8082A	
PCB-1260	ND	0.025	0.13	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	
<b>Total PCBs</b>	<b>36</b>	0.038	0.25	ug/L	1	01/11/2016	01/12/2016 00:01	EPA 8082A	

Surrogate: Decachlorobiphenyl			104 %	57.5-159		01/11/2016	01/12/2016 00:01	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			96.4 %	74.1-141		01/11/2016	01/12/2016 00:01	EPA 8082A	



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Project: Madison Kipp - Madison, WI  
 Project Number: WI001368.0034  
 Project Manager: Chris Kubacki

**BP-STRMWTR-2**

Date Sampled

**A160301-08 (Water)**

01/11/2016 12:35

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**Preparation Batch: A601030**

PCB-1016	ND	0.035	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
PCB-1221	ND	0.020	0.25	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
PCB-1232	ND	0.037	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
PCB-1242	ND	0.038	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
<b>PCB-1248</b>	<b>8.3</b>	0.020	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
PCB-1254	ND	0.0090	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
PCB-1260	ND	0.025	0.13	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
<b>Total PCBs</b>	<b>8.3</b>	0.038	0.25	ug/L	1	01/11/2016	01/12/2016 00:26	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>			85.0 %	57.5-159		01/11/2016	01/12/2016 00:26	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>			80.8 %	74.1-141		01/11/2016	01/12/2016 00:26	EPA 8082A	



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Project Number: WI001368.0034  
Project Manager: Chris Kubacki

**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A601029 - EPA 3570**

<b>Blank (A601029-BLK1)</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 16:57								
PCB-1016	ND	0.10	mg/kg wet							
PCB-1221	ND	0.10	mg/kg wet							
PCB-1232	ND	0.10	mg/kg wet							
PCB-1242	ND	0.10	mg/kg wet							
PCB-1248	ND	0.10	mg/kg wet							
PCB-1254	ND	0.10	mg/kg wet							
PCB-1260	ND	0.10	mg/kg wet							
Total PCBs	ND	0.10	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.215		mg/kg wet	0.2400		89.5	66.3-138			
Surrogate: Tetrachloro-meta-xylene	0.205		mg/kg wet	0.2400		85.6	61.6-142			

<b>LCS (A601029-BS1)</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 17:22								
PCB-1248	1.96	0.10	mg/kg wet	2.000		97.8	76.4-115			
Surrogate: Decachlorobiphenyl	0.230		mg/kg wet	0.2400		95.6	66.3-138			
Surrogate: Tetrachloro-meta-xylene	0.235		mg/kg wet	0.2400		97.9	61.6-142			

<b>Matrix Spike (A601029-MS1)</b>		<b>Source: A160301-03</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 19:02						
PCB-1248	4.72	0.13	mg/kg dry	2.520	4.93	NR	74.7-117			M1
Surrogate: Decachlorobiphenyl	0.291		mg/kg dry	0.3024		96.1	66.3-138			
Surrogate: Tetrachloro-meta-xylene	0.277		mg/kg dry	0.3024		91.7	61.6-142			

<b>Matrix Spike Dup (A601029-MSD1)</b>		<b>Source: A160301-03</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 19:27						
PCB-1248	5.96	0.13	mg/kg dry	2.520	4.93	40.8	74.7-117	NR	20	M1
Surrogate: Decachlorobiphenyl	0.316		mg/kg dry	0.3024		105	66.3-138			
Surrogate: Tetrachloro-meta-xylene	0.329		mg/kg dry	0.3024		109	61.6-142			

**Batch A601030 - EPA 3511**

<b>Blank (A601030-BLK1)</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 22:46								
PCB-1016	ND	0.13	ug/L							
PCB-1221	ND	0.25	ug/L							
PCB-1232	ND	0.13	ug/L							
PCB-1242	ND	0.13	ug/L							
PCB-1248	ND	0.13	ug/L							
PCB-1254	ND	0.13	ug/L							
PCB-1260	ND	0.13	ug/L							
Total PCBs	ND	0.25	ug/L							
Surrogate: Decachlorobiphenyl	0.647		ug/L	0.7500		86.2	57.5-159			
Surrogate: Tetrachloro-meta-xylene	0.599		ug/L	0.7500		79.9	74.1-141			



2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

ARCADIS 126 N Jefferson St., Ste 400 Milwaukee WI, 53202	Project: Madison Kipp - Madison, WI Project Number: WI001368.0034 Project Manager: Chris Kubacki
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**

**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A601030 - EPA 3511**

<b>LCS (A601030-BS1)</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 23:11								
PCB-1248	10.6	0.13	ug/L	12.50		84.8	70-130			
Surrogate: Decachlorobiphenyl	0.680		ug/L	0.7500		90.6	57.5-159			
Surrogate: Tetrachloro-meta-xylene	0.607		ug/L	0.7500		81.0	74.1-141			

<b>LCS Dup (A601030-BSD1)</b>		Prepared: 01/11/2016 Analyzed: 01/11/2016 23:36								
PCB-1248	11.5	0.13	ug/L	12.50		91.7	70-130	7.89	20	
Surrogate: Decachlorobiphenyl	0.691		ug/L	0.7500		92.1	57.5-159			
Surrogate: Tetrachloro-meta-xylene	0.643		ug/L	0.7500		85.8	74.1-141			



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**Classical Chemistry Parameters - Quality Control**

**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A601031 - % Solids**

<b>Duplicate (A601031-DUP1)</b>	<b>Source: A160301-03</b>	Prepared: 01/11/2016 Analyzed: 01/12/2016 12:52								
% Solids	79.4	0.00	% by Weight		79.4			0.0309	20	



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ARCADIS  
126 N Jefferson St., Ste 400  
Milwaukee WI, 53202

Project: Madison Kipp - Madison, WI  
Project Number: WI001368.0034  
Project Manager: Chris Kubacki

### Notes and Definitions

- M1 Spike recoveries were not evaluated because of elevated levels of the spiked analyte in the parent sample.
- J Analyte was detected but is below the reporting limit. The concentration is estimated.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference

ID# **A160301**

**CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM**

Lab Work Order #  
**MKC-Bike Path-012016**

Send Results to: **Chris Kubaeki / ARCADIS**  
 Address: **126 N Jefferson St 400**  
 City: **Milwaukee WI 53202**  
 Telephone: **414.276.7742**  
 Fax: \_\_\_\_\_  
 E-mail Address: **Chris.Kubaeki@arcadis.com**

Preservative	E	E							
Filtered (✓)									
# of Containers	1	1							
Container Information	7	4							

**Keys**

**Preservation Key:**  
 A. H<sub>2</sub>SO<sub>4</sub>  
 B. HCL  
 C. HNO<sub>3</sub>  
 D. NaOH  
 E. None  
 F. Other: \_\_\_\_\_  
 G. Other: \_\_\_\_\_  
 H. Other: \_\_\_\_\_

**Container Information Key:**  
 1. 40 ml Vial  
 2. 1 L Amber  
 3. 250 ml Plastic  
 4. 500 ml Plastic  
 5. Encore  
 6. 2 oz. Glass  
 7. 4 oz. Glass  
 8. 8 oz. Glass  
 9. Other: \_\_\_\_\_  
 10. Other: \_\_\_\_\_

**Matrix Key:**  
 SO - Soil SE - Sediment NL - NAPL/Oil  
 W - Water SL - Sludge SW - Sample Wipe  
 T - Tissue A - Air Other: \_\_\_\_\_

Project Name/Location (City, State): **MKC (Madison, WI)**  
 Project #: **WI001368.0034**  
 Sampler's Printed Name: **Maureen O'Brien**  
 Sampler's Signature: *Maureen O'Brien*

**PARAMETER ANALYSIS & METHOD**

*Method 8082*  
*Method 8082*  
*TOTAL PCBs*

Sample ID	Collection		Type (✓)		Matrix	Method	Total PCBs	Remarks
	Date	Time	Comp	Grab				
DUP-2	1/11/16	-		✓	S	1		01
BP-SIDE-28	1/11/16	1253		✓	S	1		02
BP-SIDE-29	1/11/16	1251		✓	S	1		03 MS/MSD (jars w/no labels)
BP-SIDE-30	1/11/16	1255		✓	S	1		04
BP-BOT-31	1/11/16	1247		✓	S	1		05
BP-BOT-32	1/11/16	1249		✓	S	1		06
BP-STRMWTR-1	1/11/16	1234		✓	W		1	07 Total PCBs, no filtering req'd
BP-STRMWTR-2	1/11/16	1235		✓	W		1	08 same as above ↑

Special Instructions/Comments: \_\_\_\_\_  
 Please email results to **asattkoski@madison-kpp.com**, **Vivian.Yates@arcadis.com**, **Maureen.O'Brien@arcadis.com**!  
 Thanks!

Laboratory Information and Receipt		Relinquished By		Received By		Relinquished By		Laboratory Received By	
Lab Name: <b>ECCS</b>	Cooler Custody Seal (✓) <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Printed Name: <b>Maureen O'Brien</b>	Signature: <i>Maureen O'Brien</i>	Printed Name: <b>Michael Ginsters</b>	Signature: <i>Michael Ginsters</i>	Printed Name: _____	Signature: _____	Printed Name: _____	Signature: _____
<input checked="" type="checkbox"/> Cooler packed with ice (✓)	Sample Receipt: _____	Firm: <b>Arcadis</b>	Date/Time: <b>1/11/16 1400</b>	Firm/Courier: <b>ECCS/PACE</b>	Date/Time: <b>1/11/16 1405</b>	Firm: _____	Date/Time: _____	Firm: _____	Date/Time: _____
Specify Turnaround Requirements: <b>24hr TAT</b>	Condition/Cooler Temp: _____								