



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

December 02, 2015

Alina Satkoski
Madison Kipp Corp
201 Waubesa Street
Madison, WI 53704
RE: Madison Kipp - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 11/25/2015.

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

			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
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2016



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Madison Kipp Corp 201 Waubesa Street Madison WI, 53704	Project: Madison Kipp - Madison, WI Project Number: WI001368.33.1 Project Manager: Alina Satkoski
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-BP-19 (2)	A154805-01	Soil	11/05/2015	11/05/2015
SB-BP-19 (4)	A154805-02	Soil	11/05/2015	11/05/2015

CASE NARRATIVE

Sample Receipt Information:

Samples released from hold on 11/25/2015 by client via email. Samples were re-logged in on this work order. Samples were originally received on 11/5/2015. 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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SB-BP-19 (2)
A154805-01 (Soil)

Date Sampled
 11/05/2015 15:15

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: A511120					
PCB-1016	ND	0.0078	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1221	ND	0.0043	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1232	ND	0.0030	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1242	ND	0.0047	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1248	2.3	0.0056	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1254	ND	0.0047	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
PCB-1260	ND	0.0025	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
Total PCBs	2.3	0.0078	0.11	mg/kg dry	1	11/30/2015	12/01/2015 12:27	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>			94.8 %	66.3-138		11/30/2015	12/01/2015 12:27	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>			85.8 %	61.6-142		11/30/2015	12/01/2015 12:27	EPA 8082A	

Classical Chemistry Parameters				Preparation Batch: A511119					
% Solids	94.4		0.00	% by Weight	1	11/30/2015	12/01/2015 10:50	SM 2540B	



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SB-BP-19 (4)
A154805-02 (Soil)

Date Sampled
 11/05/2015 15:20

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: A511120

PCB-1016	ND	0.0078	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1221	ND	0.0043	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1232	ND	0.0029	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1242	ND	0.0046	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1248	ND	0.0056	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1254	3.0	0.0046	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
PCB-1260	ND	0.0025	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	
Total PCBs	3.0	0.0078	0.11	mg/kg dry	1	11/30/2015	12/01/2015 13:42	EPA 8082A	

Surrogate: Decachlorobiphenyl

96.1 % 66.3-138

11/30/2015

12/01/2015 13:42

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

87.9 % 61.6-142

11/30/2015

12/01/2015 13:42

EPA 8082A

Classical Chemistry Parameters

Preparation Batch: A511119

% Solids	95.2	0.00	% by Weight	1	11/30/2015	12/01/2015 10:50	SM 2540B		
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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 A511120 - EPA 3570

Blank (A511120-BLK1)

Prepared: 11/30/2015 Analyzed: 12/01/2015 11:37

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							
<i>Surrogate: Decachlorobiphenyl</i>	0.221		mg/kg wet	0.2400		92.2	66.3-138			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.191		mg/kg wet	0.2400		79.6	61.6-142			

LCS (A511120-BS1)

Prepared: 11/30/2015 Analyzed: 12/01/2015 12:02

PCB-1260	1.78	0.10	mg/kg wet	2.000		88.8	73.1-132			
<i>Surrogate: Decachlorobiphenyl</i>	0.214		mg/kg wet	0.2400		89.3	66.3-138			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.185		mg/kg wet	0.2400		77.1	61.6-142			

Matrix Spike (A511120-MS1)

Source: A154805-01

Prepared: 11/30/2015 Analyzed: 12/01/2015 12:52

PCB-1260	2.07	0.11	mg/kg dry	2.118	ND	97.7	62.1-148			
<i>Surrogate: Decachlorobiphenyl</i>	0.228		mg/kg dry	0.2542		89.9	66.3-138			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.207		mg/kg dry	0.2542		81.4	61.6-142			

Matrix Spike Dup (A511120-MSD1)

Source: A154805-01

Prepared: 11/30/2015 Analyzed: 12/01/2015 13:17

PCB-1260	1.96	0.11	mg/kg dry	2.118	ND	92.6	62.1-148	5.38	20	
<i>Surrogate: Decachlorobiphenyl</i>	0.223		mg/kg dry	0.2542		87.9	66.3-138			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.192		mg/kg dry	0.2542		75.5	61.6-142			



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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 A511119 - % Solids

Duplicate (A511119-DUP1)	Source: A154807-37		Prepared: 11/30/2015		Analyzed: 12/01/2015 10:50					
% Solids	88.7	0.00	% by Weight		93.5			5.19	20	



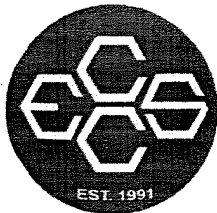
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Madison WI, 53704

Project: Madison Kipp - Madison, WI
Project Number: WI001368.33.1
Project Manager: Alina Satkoski

Notes and Definitions

- 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



Environmental Chemistry
 Consulting Services, Inc.
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

A154805

Project Number: <u>W1001368.33.1</u>				Analyses Requested				Mail Report To: <u>Chris Kubacki</u>															
Project Name: <u>Madison Kiepp</u>				Preservation Codes				Company: <u>Arcadis</u>															
Project Location: <u>Madison, WI</u>				A				E-mail Address: <u>chris.kubacki@arcadis.com</u>															
Turn Around (circle one): Normal <u>Rush</u> <u>5 Day TAT</u>				Matrix Total # of Containers <u>PEBs 8082</u>				Invoice To:															
If Rush, Report Due Date:								Company:															
Sampled By (Print): <u>H. Hilchey/Arcadis</u>								Address:															
Sample Description		Collection Date Time		Matrix	Total # of Containers	<u>PEBs 8082</u>					Comments	Lab ID	Lab Receipt Time										
SB-BP-6 (2)		11/5/15 14:20												S	1	X						44	
SB-BP-6 (4)		11/5/15 14:25												S	1	X						45	
SB-BP-6 (6)		11/5/15 14:30												S	1	X						46	
SB-BP-6 (8)		11/5/15 14:35												S	1	X						47	
SB-BP-19 (2)		11/5/15 15:15												S	1	X					<u>HOLD analysis added 11-25-15</u>	79	01
SB-BP-19 (4)		11/5/15 15:20												S	1	X					<u>HOLD</u>	80	02
SB-BP-19 (6)		11/5/15 15:25												S	1	X					<u>HOLD</u>	81	
SB-BP-19 (8)		11/5/15 15:30												S	1	X					<u>HOLD</u>	82	
EB-4 (11052015)		11/5/15 10:25												S	1	X						48	
EB-5 (11052015)		11/5/15 11:25		L	1	X						49											
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Relinquished By: <u>H. Hilchey</u>				Date:	Time:	Received By: <u>[Signature]</u>				Date:	Time:								
				Relinquished By:				Date:	Time:	Received By:				Date:	Time:								
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal: Present/Absent Intact/Not Intact Seal #'s				Receipt Temp: <u>on ice</u>				Temp Blank: Y N											
				Shipped Via: <u>PICK-UP</u>																			