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Subject:

Building Interior Polychlorinated Biphenyl (PCB) Supplemental Investigation Summary, Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin. Facility ID No. 113125320, BRRTS No. 02-13-001569

Dear Mr. Schmoller:

On behalf of Madison-Kipp Corporation (MKC), this letter provides a summary of the supplemental sampling activities completed, floor cleaning and coating activities, analytical results, and recommendations for polychlorinated biphenyls (PCBs) within the manufacturing portion of the MKC facility located at 201 Waubesa Street, Madison, Wisconsin (Site).

A Natural Resources 712.09 submittal certification is included in Attachment A.

Background

A *Supplemental Building Interior Polychlorinated Biphenyl Work Plan Subsurface Investigation Summary* (SI Report) was submitted to the Wisconsin Department of Natural Resources (WDNR) and United States Environmental Protection Agency (U.S. EPA) on April 22, 2014, to provide details of the investigation activities completed within the MKC building from December 2013 through February 2014. On August 27, 2014, ARCADIS met with the WDNR and U.S. EPA to discuss the next steps for addressing the soils containing PCBs beneath the building. At this meeting, U.S. EPA requested the completion of indoor air and surface wipe sampling activities, a technical justification submittal for management of PCB contaminated soils beneath the building, and additional soil investigation activities for beneath the building.

On October 22, 2014, a *Technical Justification – Polychlorinated Biphenyl (PCB)-Impacted Soils Beneath the Main Manufacturing Building* (Technical Justification) was submitted to the WDNR. The Technical Justification included the *Supplemental Work Plan for Polychlorinated Biphenyl Building Subsurface Investigation*

Imagine the result

ENVIRONMENT

Date:

October 12, 2015

Contact:

Jennine Trask

Phone:

414.276.7742

Email:

jennine.trask@arcadis.com

Our ref:

WI001368.0029

(Subsurface Work Plan) as an attachment. On November 4, 2014, a *Work Plan for Polychlorinated Biphenyl Building Wipe Sampling* (Wipe Sampling Work Plan) was submitted to the WDNR and U.S. EPA for approval. The WDNR approved the Wipe Sampling Work Plan in electronic correspondence dated December 8, 2014.

On December 17, 2014, MKC met with the WDNR and U.S. EPA (via telephone) to discuss the Technical Justification, Subsurface Work Plan, and Wipe Sampling Work Plan submittals. During this meeting, U.S. EPA requested continuous soil sampling during the additional soil investigation, PCB homolog analysis for select soil sample locations, and installation and sampling of one monitoring well within the building as part of the Subsurface Work Plan. In addition, U.S. EPA requested preparation and submittal of a Quality Assurance Project Plan (QAPP) for the Wipe Sampling Work Plan. On December 18, 2014, ARCADIS, WDNR, and U.S. EPA participated in a conference call to discuss the proposed QAPP requirements.

Based on the December 17 and 18, 2014, communications, the Subsurface Work Plan was revised and submitted to the WDNR and U.S. EPA on January 22, 2015, and the *Quality Assurance Project Plan Building Interior Polychlorinated Biphenyl Wipe Sampling* (Wipe Sampling QAPP) was submitted to the WDNR and U.S. EPA on February 19, 2015. The Subsurface Work Plan was approved by WDNR in electronic correspondence dated January 23, 2015. The Wipe Sampling QAPP was approved by U.S. EPA in electronic correspondence dated February 25, 2015.

On April 21, 2015, a *Building Interior Polychlorinated Biphenyl Investigation Summary* (Summary Report) was submitted to the WDNR to provide details of the investigations completed in March and April 2015. On April 23, 2015, MKC and ARCADIS met with the WDNR at the MKC facility and U.S. EPA (via telephone) to discuss the Summary Report. During this meeting, U.S. EPA recommended additional wipe and indoor air sampling activities.

On June 10, 2015, MKC and ARCADIS met with the WDNR and U.S. EPA (via telephone) to discuss additional wipe and indoor air sampling activities recommended during the April 23, 2015, meeting. On June 16, 2015, a *Work Plan-Building Interior Polychlorinated Biphenyl Supplemental Sampling* (Supplemental Work Plan) was submitted to the WDNR and U.S. EPA for approval. The Supplemental Work Plan was approved by U.S. EPA via telephone on July 15, 2015.

Supplemental Sampling Activities

The following investigation activities were completed in accordance with the approved Supplemental Work Plan. Details of these activities are presented below.

- July 30 and 31, 2015: Conducted wipe sampling activities.
- August 14 and 21, 2015: Conducted summer event indoor air sampling activities.

Wipe Sampling

Per the request of U.S. EPA, the additional floor wipe sampling activities used a 33- by 33-foot (ft) grid pattern which was within the original 100- by 100-ft grid pattern used during the March 2015 sampling activities. The wipe sample locations are presented on Figure 1.

On July 30 and 31, 2015, floor samples were collected from each 33- by 33-ft grid with the exception of where floor samples have already been collected during previous sampling activities (i.e.; Grids 1e, 2a, 2e, 3a, 4d, 5f, 6a, 7c, 8d, 9c, and 10e). In addition, floor sample collection was limited to the manufacturing portion of the building and was not conducted within the delineated floor area to be remediated. Sample locations within each pre-approved grid were determined in the field based on visual observations and accessibility.

Samples were collected by taking an individual cotton gauze pad, placing it $\frac{3}{4}$ of the way into the 80/20 iso-octane/acetone solution, squeezing the excess solution off the gauze pad, placing the 10- by 10-centimeter template over the determined sample area, and wiping the sample area in a serpentine pattern both horizontally and vertically. The gauze pad was then folded and placed in a clean laboratory-supplied vial in accordance with the Supplemental Work Plan. Three duplicate samples were collected and analyzed in accordance with the Supplemental Work Plan. A total of 65 wipe samples were collected and submitted to Environmental Chemistry Consulting Services, Inc. in Madison, Wisconsin, for analysis of PCB Aroclors by U.S. EPA Method 8082.

Indoor Air Sampling

Per the request of U.S. EPA, an additional indoor air sampling event was conducted within the manufacturing building. Three indoor air samples were collected from the same three locations identified during the April 2015 sampling activities. The sampling

event was conducted when outdoor temperatures were greater than 85 degrees Fahrenheit. It should be noted that the indoor temperatures were greater than 90 degrees Fahrenheit. The indoor air sample locations are presented on Figure 1.

On August 14, 2015, two indoor air samples were collected for analysis of PCB Aroclors by EPA Method TO-10A. A third indoor air sample was anticipated to be collected on this date; however, the sample cartridge was compromised. Therefore, on August 21, 2015, the third indoor air sample was collected for analysis of PCB Aroclors by EPA Method TO-10A. The indoor air samples were collected over an eight hour timeframe with low-volume air samplers and polyurethane foam sorbent cartridges.

After collection, the indoor air samples were packaged, placed in a cooler with ice, and submitted to Pace Analytical Services, Inc. in Schenectady, New York for PCB Aroclor analysis by Method TO-10A.

Floor Cleaning and Coating Activities

Routine interior floor cleaning activities have been implemented by MKC. The floor cleaning is conducted by 40 hour HAZWOPER trained personnel with dedicated floor scrubbers and accessories. All waste streams generated from the floor cleaning activities are characterized for appropriate handling and disposal.

Per the June 10, 2015, telephone conference, U.S. EPA approved MKC to implement a urethane fortified cementitious coating of select floor areas within Grids 1 through 5, as shown on Figure 1. This method was selected for implementation at this site in lieu of the double wash/double rinse/double epoxy due to the manufacturing activities that are ongoing within the facility. The select floor areas were power-washed and scarified as necessary prior to applying the coating. One coat was applied via hand-trowels and is ¼-inch in thickness. MKC personnel will inspect the floor coating on a monthly basis to verify coating is intact and in good condition. The floor coating activities were completed on August 31, 2015.

PCB Awareness Program

As detailed in the Supplemental Work Plan, the following actions were also conducted within the MKC manufacturing building:

- Installation of PCB markers to inform personnel that there are PCBs present that require special handling and disposal in accordance with 40 Code of Federal

Regulations 761. Inspection of PCB markers on a monthly basis to verify markers are intact, in good condition, and that information is visible.

- Implementation of PCB awareness program for MKC employees and contractors. The training session includes an overview of PCBs, the regulatory considerations surrounding their use, and the nature and extent of PCB concentrations detected at the Site. The training session also covers the personal protective equipment and waste management standard operating procedures for MKC. Training sessions will also be held for new employees and annual refresher training will be provided.

Evaluation of Results and Recommendations

The following sections present a summary of the regulatory criteria, analytical results, and recommendations.

Regulatory Criteria

The analytical results of the wipe samples were compared to the 10 microgram per wipe standard as presented in the U.S. EPA *Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the U.S. EPA PCB Spill Cleanup Policy* dated June 23, 1987, revised and clarified April 18, 1991. This criteria is summarized in Table 1.

The analytical results of the indoor air samples were compared to the U.S. EPA Site-specific calculated standard of 0.21 microgram per cubic meter for an industrial/commercial setting. The Site-specific calculated standard is based on the potential cancer risk for an adult worker. This criteria is summarized in Table 2.

Wipe Analytical Results

Results of the July 30 and 31, 2015, wipe samples were below the cleanup level in all samples, with the exception of floor Sample WIPE04-FL-4B. A summary of the wipe analytical results is presented in Table 1, and the laboratory report is provided in Attachment B. Floor Sample WIPE04-FL-4B is located in a storage area within Grid 4B as shown on Figure 1.

Indoor Air Analytical Results

Results of the August 14 and 21, 2015, indoor air samples were below the criteria in all three samples. A summary of the indoor air analytical results is presented in Table 2 and the laboratory report is provided in Attachment B.

Recommendations

The third sampling event will be conducted when outdoor temperatures are less than 10 degrees Fahrenheit. The sample locations will be the same as the summer sampling event.

Select floor areas within Grid 4B will be coated with the same urethane fortified cementitious material used for select areas within Grids 1 through 5. The select floor area will be power-washed and scarified as necessary prior to applying the coating. One coat will be applied via hand-trowels and will be ¼-inch in thickness. MKC personnel will inspect the floor coating on a monthly basis to verify coating is intact and in good condition. The floor coating activities are tentatively scheduled for the first quarter of 2016.

Following the implementation of the additional floor coating activities and winter indoor air sampling event, no further action is anticipated regarding PCBs in the interior of the MKC facility. An updated indoor air table and a final figure presenting the location of the floor coating will be provide to U.S. EPA and WDNR following completion of the activities.

Closing

If you have any questions regarding this letter, please contact us at (414) 276-7742.

Sincerely,

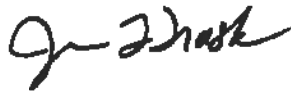
ARCADIS U.S., Inc.



Trena Seilheimer
Project Scientist



Christopher D. Kubacki, PE
Senior Engineer



Jennine L. Trask, PE
Project Manager

Attachments:

Table 1 – Summary of Interior Building Wipe Analytical Results

Table 2 – Summary of Interior Building Indoor Air Analytical Results

Figure 1 – Interior Building Wipe and Indoor Air Sampling Locations

Attachment A Submittal Certification

Attachment B Laboratory Reports

Electronic Copies:

David Crass – Michael Best

Tony Koblinski – Madison Kipp

Alina Satkoski – Madison Kipp

Kenneth Zolnierczyk – U.S. EPA

**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D.	EPA PCB Spill Cleanup Policy	Grid 2							Grid 4				
		WIPE02- FL-2B	WIPE02- FL-2C	WIPE02- FL-2D	WIPE02- FL-2F	DUP-1	WIPE02- FL-2G	WIPE02- FL-2H	WIPE02- FL-2I	WIPE04- FL-4A	WIPE04- FL-4B	WIPE04- FL-4C	WIPE04- FL-4E
Sample I.D.	Sample Date	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15
PCBs													
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.6	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<1.2	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.6	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.6	<0.15	<0.15
Aroclor 1248	--	2.2	1.9	3.6	0.41	0.3	2.7	2.5	0.8	2.8	32	4.2	2.4
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.6	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.6	<0.15	<0.15
Total Aroclor PCBs	10	2.2	1.9	3.6	0.41	0.3	2.7	2.5	0.8	2.8	32	4.2	2.4

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

100 - Result exceeds U.S. EPA's Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the U.S. EPA PCB Spill Cleanup Policy dated June 23, 1987, revised and clarified April 18, 1991.

< - Constituent not detected above noted laboratory detection limit

-- - Criteria not established

EPA - United States Environmental Protection Agency

ND - Detected total PCBs were reported less than the laboratory detection limit

**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D.	EPA PCB Spill Cleanup Policy	Grid 4 (continued)				Grid 5							
		WIPE04- FL-4F	WIPE04- FL-4G	WIPE04- FL-4H	WIPE04- FL-4I	WIPE05- FL-5A	WIPE05- FL-5B	WIPE05- FL-5C	DUP-2	WIPE05- FL-5D	WIPE05- FL-5E	WIPE05- FL-5G	WIPE05- FL-5I
Sample I.D.	Sample Date	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15
PCBs													
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1248	--	2.7	1.4	1.6	0.94	0.52	0.21	0.77	0.22	0.38	1.4	0.19	1.1
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Total Aroclor PCBs	10	2.7	1.4	1.6	0.94	0.52	0.21	0.77	0.22	0.38	1.4	0.19	1.1

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

100 - Result exceeds U.S. EPA's Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the U.S. EPA PCB Spill Cleanup Policy dated June 23, 1987, revised and clarified April 18, 1991.

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-- - Criteria not established

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**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D.	EPA PCB Spill Cleanup Policy	Grid 6								Grid 7			
		WIPE06- FL-6B	WIPE06- FL-6C	WIPE06- FL-6D	WIPE06- FL-6E	WIPE06- FL-6F	WIPE06- FL-6G	WIPE06- FL-6H	WIPE06- FL-6I	WIPE07- FL-7A	WIPE07- FL-7B	WIPE07- FL-7D	WIPE07- FL-7E
Sample I.D.	Sample Date	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/30/15	7/31/15	7/31/15	7/31/15	7/31/15
PCBs													
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1248	--	0.73	0.85	2.5	3.2	<0.15	7.7	6.1	0.4	0.33	<0.15	0.34	1.3
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Total Aroclor PCBs	10	0.73	0.85	2.5	3.2	ND	7.7	6.1	0.4	0.33	ND	0.34	1.3

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

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**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D.	EPA PCB Spill Cleanup Policy	Grid 7 (continued)				Grid 8							
		WIPE07- FL-7F	WIPE07- FL-7G	WIPE07- FL-7H	WIPE07- FL-7I	WIPE08- FL-8A	WIPE08- FL-8B	WIPE08- FL-8C	WIPE08- FL-8E	WIPE08- FL-8F	WIPE08- FL-8G	WIPE08- FL-8H	WIPE08- FL-8I
Sample I.D.	Sample Date	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15
PCBs													
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1248	--	1.9	<0.15	0.31	7.3	1.5	0.49	0.34	0.51	0.27	1.1	1.3	0.46
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Total Aroclor PCBs	10	1.9	ND	0.31	7.3	1.5	0.49	0.34	0.51	0.27	1.1	1.3	0.46

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

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**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D.	EPA PCB Spill Cleanup Policy	Grid 9									Grid 10		
		WIPE09- FL-9A	WIPE09- FL-9B	DUP-3	WIPE09- FL-9D	WIPE09- FL-9E	WIPE09- FL-9F	WIPE09- FL-9G	WIPE09- FL-9H	WIPE09- FL-9I	WIPE10- FL-10A	WIPE10- FL-10B	WIPE10- FL-10C
Sample I.D.	Sample Date	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15
PCBs													
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1248	--	0.17	<0.15	<0.15	0.28	<0.15	0.3	<0.15	1.2	1.2	0.7	<0.15	1
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Total Aroclor PCBs	10	0.17	ND	ND	0.28	ND	0.3	ND	1.2	1.2	0.7	ND	1

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

100 - Result exceeds U.S. EPA's Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the U.S. EPA PCB Spill Cleanup Policy dated June 23, 1987, revised and clarified April 18, 1991.

< - Constituent not detected above noted laboratory detection limit

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EPA - United States Environmental Protection Agency

ND - Detected total PCBs were reported less than the laboratory detection limit

**Table 1
Summary of Interior Building Wipe Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D. Sample I.D. Sample Date	EPA PCB Spill Cleanup Policy	Grid 10 (continued)				
		WIPE10- FL-10D 7/31/15	WIPE10- FL-10F 7/31/15	WIPE10- FL-10G 7/31/15	WIPE10- FL-10H 7/31/15	WIPE10- FL-10I 7/31/15
PCBs						
Aroclor 1016	--	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1221	--	<0.3	<0.3	<0.3	<0.3	<0.3
Aroclor 1232	--	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1242	--	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1248	--	1.1	0.25	1.9	<0.15	0.16
Aroclor 1254	--	<0.15	<0.15	<0.15	<0.15	<0.15
Aroclor 1260	--	<0.15	<0.15	<0.15	<0.15	<0.15
Total Aroclor PCBs	10	1.1	0.25	1.9	ND	0.16

General Note:

Constituent concentrations are reported as microgram per wipe (µg/wipe).

Acronyms and Abbreviations:

100 - Result exceeds U.S. EPA's Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the U.S. EPA PCB Spill Cleanup Policy dated June 23, 1987, revised and clarified April 18, 1991.

< - Constituent not detected above noted laboratory detection limit

-- - Criteria not established

EPA - United States Environmental Protection Agency

ND - Detected total PCBs were reported less than the laboratory detection limit

**Table 2
Summary of Interior Building Indoor Air Analytical Results**

**Building Interior Polychlorinated Biphenyl Supplemental Investigation Summary
201 Waubesa Street
Madison-Kipp Corporation
Madison, Wisconsin**

Grid I.D. Sample I.D. Sample Date	U.S. EPA Site-Specific Value	Grid 3	Grid 1	Grid 7
		MKC-AIR01	MKC-AIR02	MKC-AIR03
		8/14/2015	8/14/2015	8/21/2015
PCBs				
Aroclor 1016	--	<0.0417	<0.0417	<0.0417
Aroclor 1221	--	<0.0417	<0.0417	<0.0417
Aroclor 1232	--	<0.0417	<0.0417	<0.0417
Aroclor 1242	--	0.0519	0.0532	0.157
Aroclor 1248	--	<0.0417	<0.0417	<0.0417
Aroclor 1254	--	<0.0417	<0.0417	<0.0417
Aroclor 1260	--	<0.0417	<0.0417	<0.0417
Total Aroclor PCBs	0.21	0.0519	0.0532	0.157

General Note:

Constituent concentrations are reported as microgram per cubic meter ($\mu\text{g}/\text{m}^3$).

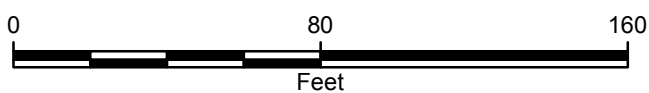
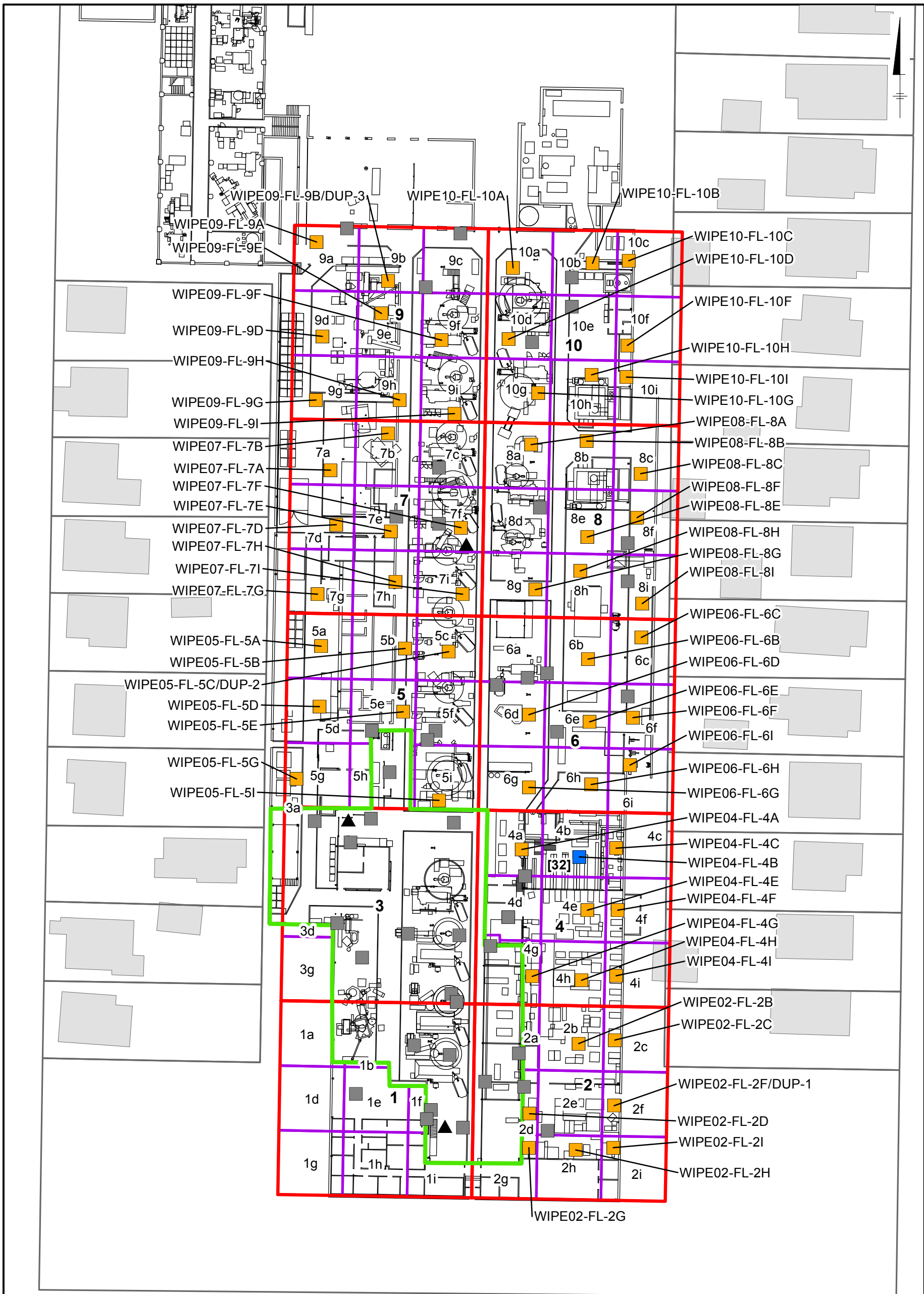
Acronyms and Abbreviations:

< - Constituent not detected above noted laboratory detection limit

-- - Criteria not established

PCB - Polychlorinated biphenyl

U.S. EPA - United States Environmental Protection Agency



LEGEND

- ▲ INDOOR AIR SAMPLING LOCATION
- PREVIOUS WIPE SAMPLING LOCATION
- APPROXIMATE FLOOR COATING FOOTPRINT
- 100' GRID 1 100' GRID SQUARE ID
- 33.3' GRID 2a 33.3' GRID SQUARE ID
- PLANT LAYOUT
- TOTAL DETECTED PCB CONCENTRATION REPORTED ABOVE US EPA PCB SPILL CLEANUP POLICY OF 10 µg/wipe
- TOTAL DETECTED PCB CONCENTRATION REPORTED BELOW US EPA PCB SPILL CLEANUP POLICY OF 10 µg/wipe
- BUILDING FOOTPRINTS
- PARCELS
- [32] - CONCENTRATION IN µg/wipe
- µg/wipe - MICROGRAM PER WIPE

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

INTERIOR BUILDING WIPE AND INDOOR AIR SAMPLING LOCATIONS



CITY: MKE DIV/ GROUP: IM_DB: GM_LD: CK MADISON-KIPP Z:\GIS\PROJECTS\ENV\MadisonKipp\Map\2015-09\InteriorWipeSamples_20150910.mxd

ARCADIS

Attachment A

Submittal Certification

Submittal Certification

This attachment was prepared to satisfy the requirements of Wisconsin Administrative Code Chapter NR 712.09 and is applicable to the following document.

**Building Interior Polychlorinated Biphenyl (PCB) Supplemental Investigation Summary
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin**

I, Jennine L. Trask, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Jennine L. Trask CEM #34959
Signature, title and P.E. number

I, Trenna Seilheimer, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Trenna Seilheimer Senior Scientist
Signature and title

10-12-15
Date

ARCADIS

Attachment B

Laboratory Reports



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

August 11, 2015

Alina Satkoski
Madison Kipp Corp
201 Waubesa Street
Madison, WI 53704

RE: MKC Wipe Samples - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 07/31/2015.

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
ADEQ	Arkansas Department of Environmental Quality Certification	14-061-0	11/10/2015
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2016
ILEPA	Illinois Secondary NELAP Accreditation	003174	04/30/2016
KDHE	Kansas Secondary NELAP Accreditation	E-10384	09/30/2015
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2016
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	09/30/2015
ODEQ	Oklahoma Department of Environmental Quality Accreditation	2014-153	08/31/2015
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2015



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Madison Kipp Corp
201 Waubesa Street
Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
Project Number: [none]
Project Manager: Alina Satkoski

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MKC-WIPE02-FLOOR-2B	A153121-01	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2C	A153121-02	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2D	A153121-03	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2F	A153121-04	Wipe	07/30/2015	07/31/2015
DUP-1	A153121-05	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2G	A153121-06	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2H	A153121-07	Wipe	07/30/2015	07/31/2015
WIPE02-FL-2I	A153121-08	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4A	A153121-09	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4B	A153121-10	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4C	A153121-11	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4E	A153121-12	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4F	A153121-13	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4G	A153121-14	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4H	A153121-15	Wipe	07/30/2015	07/31/2015
WIPE04-FL-4I	A153121-16	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5A	A153121-17	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5B	A153121-18	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5C	A153121-19	Wipe	07/30/2015	07/31/2015
DUP-2	A153121-20	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5D	A153121-21	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5E	A153121-22	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5G	A153121-23	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6B	A153121-24	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6C	A153121-25	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6D	A153121-26	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6E	A153121-27	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6F	A153121-28	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6G	A153121-29	Wipe	07/30/2015	07/31/2015
WIPE06-FL-6H	A153121-30	Wipe	07/30/2015	07/31/2015
WIPE05-FL-5I	A153121-31	Wipe	07/30/2015	07/31/2015



2525 Advance Road
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Madison Kipp Corp
201 Waubesa Street
Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
Project Number: [none]
Project Manager: Alina Satkoski

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WIPE06-FL-6I	A153121-32	Wipe	07/30/2015	07/31/2015
WIPE07-FL-7A	A153121-33	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7B	A153121-34	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7D	A153121-35	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7E	A153121-36	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7F	A153121-37	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7G	A153121-38	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7H	A153121-39	Wipe	07/31/2015	07/31/2015
WIPE07-FL-7I	A153121-40	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8A	A153121-41	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8B	A153121-42	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8C	A153121-43	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8E	A153121-44	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8F	A153121-45	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8G	A153121-46	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8H	A153121-47	Wipe	07/31/2015	07/31/2015
WIPE08-FL-8I	A153121-48	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9A	A153121-49	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9B	A153121-50	Wipe	07/31/2015	07/31/2015
DUP-3	A153121-51	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9D	A153121-52	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9E	A153121-53	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9F	A153121-54	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9G	A153121-55	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9H	A153121-56	Wipe	07/31/2015	07/31/2015
WIPE09-FL-9I	A153121-57	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10A	A153121-58	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10B	A153121-59	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10C	A153121-60	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10D	A153121-61	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10F	A153121-62	Wipe	07/31/2015	07/31/2015



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Madison Kipp Corp
201 Waubesa Street
Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
Project Number: [none]
Project Manager: Alina Satkoski

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WIPE10-FL-10G	A153121-63	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10H	A153121-64	Wipe	07/31/2015	07/31/2015
WIPE10-FL-10I	A153121-65	Wipe	07/31/2015	07/31/2015
Blank	A153121-66	Wipe	07/31/2015	07/31/2015

CASE NARRATIVE

Sample Receipt Information:

66 samples were received on 07/31/2015. 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.



2525 Advance Road
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Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

MKC-WIPE02-FLOOR-2B

A153121-01 (Wipe)

Date Sampled
07/30/2015 08:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1248	2.2	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	
Total PCBs	2.2	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:22	EPA 8082A	

Surrogate: Decachlorobiphenyl 68.7 % 60-140 08/04/2015 08/04/2015 23:22 EPA 8082A

Surrogate: Tetrachloro-meta-xylene 85.6 % 60-140 08/04/2015 08/04/2015 23:22 EPA 8082A



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 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2C

Date Sampled

A153121-02 (Wipe)

07/30/2015 08:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1248	1.9	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	
Total PCBs	1.9	0.15	ug/Wipe	1	08/04/2015	08/04/2015 23:47	EPA 8082A	

Surrogate: Decachlorobiphenyl

80.1 % 60-140

08/04/2015

08/04/2015 23:47

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

90.7 % 60-140

08/04/2015

08/04/2015 23:47

EPA 8082A



2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2D

Date Sampled

A153121-03 (Wipe)

07/30/2015 08:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1248	3.6	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
Total PCBs	3.6	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:12	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		72.0 %		60-140	08/04/2015	08/05/2015 00:12	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.9 %		60-140	08/04/2015	08/05/2015 00:12	EPA 8082A	



2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2F

Date Sampled

A153121-04 (Wipe)

07/30/2015 08:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1248	0.41	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
Total PCBs	0.41	0.15	ug/Wipe	1	08/04/2015	08/05/2015 00:37	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		78.9 %		60-140	08/04/2015	08/05/2015 00:37	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		87.6 %		60-140	08/04/2015	08/05/2015 00:37	EPA 8082A	



2525 Advance Road
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Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

DUP-1

A153121-05 (Wipe)

Date Sampled
07/30/2015 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1248	0.30	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	
Total PCBs	0.30	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:01	EPA 8082A	

Surrogate: Decachlorobiphenyl 83.3 % 60-140 08/04/2015 08/05/2015 01:01 EPA 8082A

Surrogate: Tetrachloro-meta-xylene 97.7 % 60-140 08/04/2015 08/05/2015 01:01 EPA 8082A



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Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2G

Date Sampled

A153121-06 (Wipe)

07/30/2015 08:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1248	2.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
Total PCBs	2.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:27	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		71.8 %		60-140	08/04/2015	08/05/2015 01:27	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		91.8 %		60-140	08/04/2015	08/05/2015 01:27	EPA 8082A	



2525 Advance Road
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Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2H

Date Sampled

A153121-07 (Wipe)

07/30/2015 08:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1248	2.5	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
Total PCBs	2.5	0.15	ug/Wipe	1	08/04/2015	08/05/2015 01:52	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		68.3 %		60-140	08/04/2015	08/05/2015 01:52	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		86.6 %		60-140	08/04/2015	08/05/2015 01:52	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE02-FL-2I

Date Sampled

A153121-08 (Wipe)

07/30/2015 08:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1248	0.80	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	
Total PCBs	0.80	0.15	ug/Wipe	1	08/04/2015	08/05/2015 02:17	EPA 8082A	

Surrogate: Decachlorobiphenyl

77.3 %

60-140

08/04/2015

08/05/2015 02:17

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

98.6 %

60-140

08/04/2015

08/05/2015 02:17

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4A

Date Sampled

A153121-09 (Wipe)

07/30/2015 09:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1248	2.8	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	
Total PCBs	2.8	0.15	ug/Wipe	1	08/04/2015	08/05/2015 04:22	EPA 8082A	

Surrogate: Decachlorobiphenyl

72.5 % 60-140

08/04/2015

08/05/2015 04:22

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

86.8 % 60-140

08/04/2015

08/05/2015 04:22

EPA 8082A



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 Project Number: [none]
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WIPE04-FL-4B

Date Sampled

A153121-10 (Wipe)

07/30/2015 09:06

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
PCB-1221	ND	1.2	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
PCB-1232	ND	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
PCB-1242	ND	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
PCB-1248	32	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	D
PCB-1254	ND	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
PCB-1260	ND	0.60	ug/Wipe	4	08/04/2015	08/06/2015 09:31	EPA 8082A	
Total PCBs	32	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:31	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		71.4 %		60-140	08/04/2015	08/05/2015 04:47	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		97.2 %		60-140	08/04/2015	08/05/2015 04:47	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4C

Date Sampled

A153121-11 (Wipe)

07/30/2015 09:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1248	4.2	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	
Total PCBs	4.2	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:12	EPA 8082A	

Surrogate: Decachlorobiphenyl

68.2 % 60-140

08/04/2015

08/05/2015 05:12

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

87.9 % 60-140

08/04/2015

08/05/2015 05:12

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4E
A153121-12 (Wipe)

Date Sampled
 07/30/2015 09:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1248	2.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
Total PCBs	2.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 05:37	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		66.0 %		60-140	08/04/2015	08/05/2015 05:37	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.6 %		60-140	08/04/2015	08/05/2015 05:37	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4F

Date Sampled

A153121-13 (Wipe)

07/30/2015 09:23

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1248	2.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
Total PCBs	2.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:02	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		72.0 %		60-140	08/04/2015	08/05/2015 06:02	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		97.1 %		60-140	08/04/2015	08/05/2015 06:02	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4G

A153121-14 (Wipe)

Date Sampled
07/30/2015 09:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1248	1.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
Total PCBs	1.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:27	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		66.7 %		60-140	08/04/2015	08/05/2015 06:27	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		88.7 %		60-140	08/04/2015	08/05/2015 06:27	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4H

Date Sampled

A153121-15 (Wipe)

07/30/2015 09:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1248	1.6	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	
Total PCBs	1.6	0.15	ug/Wipe	1	08/04/2015	08/05/2015 06:51	EPA 8082A	

Surrogate: Decachlorobiphenyl

74.2 %

60-140

08/04/2015

08/05/2015 06:51

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

95.4 %

60-140

08/04/2015

08/05/2015 06:51

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE04-FL-4I

Date Sampled

A153121-16 (Wipe)

07/30/2015 09:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1248	0.94	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	
Total PCBs	0.94	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:16	EPA 8082A	

Surrogate: Decachlorobiphenyl

80.2 % 60-140

08/04/2015

08/05/2015 07:16

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

88.4 % 60-140

08/04/2015

08/05/2015 07:16

EPA 8082A



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE05-FL-5A

Date Sampled

A153121-17 (Wipe)

07/30/2015 10:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1248	0.52	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
Total PCBs	0.52	0.15	ug/Wipe	1	08/04/2015	08/05/2015 07:41	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		79.5 %		60-140	08/04/2015	08/05/2015 07:41	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.8 %		60-140	08/04/2015	08/05/2015 07:41	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE05-FL-5B

Date Sampled

A153121-18 (Wipe)

07/30/2015 10:23

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1248	0.21	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
Total PCBs	0.21	0.15	ug/Wipe	1	08/04/2015	08/05/2015 08:06	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		83.1 %		60-140	08/04/2015	08/05/2015 08:06	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		87.1 %		60-140	08/04/2015	08/05/2015 08:06	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE05-FL-5C

Date Sampled

A153121-19 (Wipe)

07/30/2015 10:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1248	0.77	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
Total PCBs	0.77	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:12	EPA 8082A	
Surrogate: Decachlorobiphenyl		82.7 %		60-140	08/04/2015	08/05/2015 10:12	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene		88.5 %		60-140	08/04/2015	08/05/2015 10:12	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

DUP-2

A153121-20 (Wipe)

Date Sampled
07/30/2015 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508011

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1248	0.22	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
Total PCBs	0.22	0.15	ug/Wipe	1	08/04/2015	08/05/2015 10:37	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		86.1 %		60-140	08/04/2015	08/05/2015 10:37	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.3 %		60-140	08/04/2015	08/05/2015 10:37	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE05-FL-5D

Date Sampled

A153121-21 (Wipe)

07/30/2015 10:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1248	0.38	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	
Total PCBs	0.38	0.15	ug/Wipe	1	08/04/2015	08/05/2015 11:51	EPA 8082A	

Surrogate: Decachlorobiphenyl

84.0 % 60-140

08/04/2015

08/05/2015 11:51

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

88.4 % 60-140

08/04/2015

08/05/2015 11:51

EPA 8082A



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WIPE05-FL-5E

Date Sampled

A153121-22 (Wipe)

07/30/2015 10:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1248	1.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
Total PCBs	1.4	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:16	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		71.1 %		60-140	08/04/2015	08/05/2015 12:16	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		90.9 %		60-140	08/04/2015	08/05/2015 12:16	EPA 8082A	



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WIPE05-FL-5G

Date Sampled

A153121-23 (Wipe)

07/30/2015 10:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1248	0.19	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	
Total PCBs	0.19	0.15	ug/Wipe	1	08/04/2015	08/05/2015 12:41	EPA 8082A	

Surrogate: Decachlorobiphenyl

83.1 % 60-140

08/04/2015

08/05/2015 12:41

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

89.1 % 60-140

08/04/2015

08/05/2015 12:41

EPA 8082A



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WIPE06-FL-6B

Date Sampled

A153121-24 (Wipe)

07/30/2015 10:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1248	0.73	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	
Total PCBs	0.73	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:06	EPA 8082A	

Surrogate: Decachlorobiphenyl

76.5 % 60-140

08/04/2015

08/05/2015 13:06

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

96.1 % 60-140

08/04/2015

08/05/2015 13:06

EPA 8082A



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WIPE06-FL-6C

Date Sampled

A153121-25 (Wipe)

07/30/2015 11:09

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1248	0.85	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	
Total PCBs	0.85	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:31	EPA 8082A	

Surrogate: Decachlorobiphenyl

75.4 % 60-140

08/04/2015

08/05/2015 13:31

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

90.5 % 60-140

08/04/2015

08/05/2015 13:31

EPA 8082A



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WIPE06-FL-6D

Date Sampled

A153121-26 (Wipe)

07/30/2015 11:19

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1248	2.5	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	
Total PCBs	2.5	0.15	ug/Wipe	1	08/04/2015	08/05/2015 13:56	EPA 8082A	

Surrogate: Decachlorobiphenyl

77.3 % 60-140

08/04/2015

08/05/2015 13:56

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

94.0 % 60-140

08/04/2015

08/05/2015 13:56

EPA 8082A



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 Project Number: [none]
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WIPE06-FL-6E

Date Sampled

A153121-27 (Wipe)

07/30/2015 11:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1248	3.2	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
Total PCBs	3.2	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:02	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		74.0 %		60-140	08/04/2015	08/05/2015 16:02	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.1 %		60-140	08/04/2015	08/05/2015 16:02	EPA 8082A	



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 Project Number: [none]
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WIPE06-FL-6F

Date Sampled

A153121-28 (Wipe)

07/30/2015 11:26

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:27	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		92.1 %		60-140	08/04/2015	08/05/2015 16:27	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		100 %		60-140	08/04/2015	08/05/2015 16:27	EPA 8082A	



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 Project Number: [none]
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WIPE06-FL-6G

Date Sampled

A153121-29 (Wipe)

07/30/2015 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1248	7.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
Total PCBs	7.7	0.15	ug/Wipe	1	08/04/2015	08/05/2015 16:52	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		63.0 %		60-140	08/04/2015	08/05/2015 16:52	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		90.1 %		60-140	08/04/2015	08/05/2015 16:52	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE06-FL-6H

Date Sampled

A153121-30 (Wipe)

07/30/2015 11:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1248	6.1	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
Total PCBs	6.1	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:17	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		77.8 %		60-140	08/04/2015	08/05/2015 17:17	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		97.8 %		60-140	08/04/2015	08/05/2015 17:17	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE05-FL-5I

Date Sampled

A153121-31 (Wipe)

07/30/2015 10:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1248	1.1	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	
Total PCBs	1.1	0.15	ug/Wipe	1	08/04/2015	08/05/2015 17:42	EPA 8082A	

Surrogate: Decachlorobiphenyl

76.0 % 60-140

08/04/2015

08/05/2015 17:42

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

100 % 60-140

08/04/2015

08/05/2015 17:42

EPA 8082A



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE06-FL-6I

Date Sampled

A153121-32 (Wipe)

07/30/2015 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1248	0.40	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
Total PCBs	0.40	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:07	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		79.7 %		60-140	08/04/2015	08/05/2015 18:07	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		99.5 %		60-140	08/04/2015	08/05/2015 18:07	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE07-FL-7A

Date Sampled

A153121-33 (Wipe)

07/31/2015 07:48

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1248	0.33	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	
Total PCBs	0.33	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:32	EPA 8082A	

Surrogate: Decachlorobiphenyl

79.0 % 60-140

08/04/2015

08/05/2015 18:32

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

91.3 % 60-140

08/04/2015

08/05/2015 18:32

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE07-FL-7B

Date Sampled

A153121-34 (Wipe)

07/31/2015 07:53

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 18:57	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		66.5 %		60-140	08/04/2015	08/05/2015 18:57	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		88.1 %		60-140	08/04/2015	08/05/2015 18:57	EPA 8082A	



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 Project Number: [none]
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WIPE07-FL-7D

Date Sampled

A153121-35 (Wipe)

07/31/2015 08:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1248	0.34	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
Total PCBs	0.34	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:22	EPA 8082A	
Surrogate: Decachlorobiphenyl		77.2 %		60-140	08/04/2015	08/05/2015 19:22	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene		90.9 %		60-140	08/04/2015	08/05/2015 19:22	EPA 8082A	



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 Project Number: [none]
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WIPE07-FL-7E

Date Sampled

A153121-36 (Wipe)

07/31/2015 08:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1248	1.3	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
Total PCBs	1.3	0.15	ug/Wipe	1	08/04/2015	08/05/2015 19:47	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		73.5 %		60-140	08/04/2015	08/05/2015 19:47	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		101 %		60-140	08/04/2015	08/05/2015 19:47	EPA 8082A	



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 Project Number: [none]
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WIPE07-FL-7F

Date Sampled

A153121-37 (Wipe)

07/31/2015 08:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1248	1.9	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
Total PCBs	1.9	0.15	ug/Wipe	1	08/04/2015	08/05/2015 21:52	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		71.1 %		60-140	08/04/2015	08/05/2015 21:52	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		94.5 %		60-140	08/04/2015	08/05/2015 21:52	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE07-FL-7G

Date Sampled

A153121-38 (Wipe)

07/31/2015 08:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:17	EPA 8082A	
Surrogate: Decachlorobiphenyl		79.6 %		60-140	08/04/2015	08/05/2015 22:17	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene		90.2 %		60-140	08/04/2015	08/05/2015 22:17	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE07-FL-7H

Date Sampled

A153121-39 (Wipe)

07/31/2015 08:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1248	0.31	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
Total PCBs	0.31	0.15	ug/Wipe	1	08/04/2015	08/05/2015 22:42	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		79.7 %		60-140	08/04/2015	08/05/2015 22:42	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		90.9 %		60-140	08/04/2015	08/05/2015 22:42	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE07-FL-7I

Date Sampled

A153121-40 (Wipe)

07/31/2015 08:37

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508012

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1242	7.3	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	
Total PCBs	7.3	0.15	ug/Wipe	1	08/04/2015	08/05/2015 23:07	EPA 8082A	

Surrogate: Decachlorobiphenyl

80.3 % 60-140

08/04/2015

08/05/2015 23:07

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

90.1 % 60-140

08/04/2015

08/05/2015 23:07

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8A

Date Sampled

A153121-41 (Wipe)

07/31/2015 09:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1248	1.5	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
Total PCBs	1.5	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:22	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		73.9 %		60-140	08/04/2015	08/06/2015 00:22	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		92.2 %		60-140	08/04/2015	08/06/2015 00:22	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8B

Date Sampled

A153121-42 (Wipe)

07/31/2015 09:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1248	0.49	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
Total PCBs	0.49	0.15	ug/Wipe	1	08/04/2015	08/06/2015 00:47	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		80.4 %		60-140	08/04/2015	08/06/2015 00:47	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		91.6 %		60-140	08/04/2015	08/06/2015 00:47	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8C

Date Sampled

A153121-43 (Wipe)

07/31/2015 10:09

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1248	0.34	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
Total PCBs	0.34	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:12	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		81.6 %		60-140	08/04/2015	08/06/2015 01:12	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		92.3 %		60-140	08/04/2015	08/06/2015 01:12	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8E

Date Sampled

A153121-44 (Wipe)

07/31/2015 10:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1248	0.51	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
Total PCBs	0.51	0.15	ug/Wipe	1	08/04/2015	08/06/2015 01:37	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		77.2 %		60-140	08/04/2015	08/06/2015 01:37	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		89.7 %		60-140	08/04/2015	08/06/2015 01:37	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8F

Date Sampled

A153121-45 (Wipe)

07/31/2015 10:19

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1248	0.27	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
Total PCBs	0.27	0.15	ug/Wipe	1	08/04/2015	08/06/2015 03:42	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		86.2 %		60-140	08/04/2015	08/06/2015 03:42	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		98.6 %		60-140	08/04/2015	08/06/2015 03:42	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8G

Date Sampled

A153121-46 (Wipe)

07/31/2015 10:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1248	1.1	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	
Total PCBs	1.1	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:06	EPA 8082A	

Surrogate: Decachlorobiphenyl

75.7 % 60-140

08/04/2015

08/06/2015 04:06

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

93.7 % 60-140

08/04/2015

08/06/2015 04:06

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8H

Date Sampled

A153121-47 (Wipe)

07/31/2015 10:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1248	1.3	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	
Total PCBs	1.3	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:31	EPA 8082A	

Surrogate: Decachlorobiphenyl

73.6 % 60-140

08/04/2015

08/06/2015 04:31

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

93.1 % 60-140

08/04/2015

08/06/2015 04:31

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE08-FL-8I
A153121-48 (Wipe)

Date Sampled
 07/31/2015 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1248	0.46	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	
Total PCBs	0.46	0.15	ug/Wipe	1	08/04/2015	08/06/2015 04:57	EPA 8082A	

Surrogate: Decachlorobiphenyl

78.6 % 60-140

08/04/2015

08/06/2015 04:57

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

91.2 % 60-140

08/04/2015

08/06/2015 04:57

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9A

Date Sampled

A153121-49 (Wipe)

07/31/2015 10:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1248	0.17	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
Total PCBs	0.17	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:22	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		90.4 %		60-140	08/04/2015	08/06/2015 05:22	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		99.6 %		60-140	08/04/2015	08/06/2015 05:22	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9B

Date Sampled

A153121-50 (Wipe)

07/31/2015 10:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 05:47	EPA 8082A	
Surrogate: Decachlorobiphenyl		56.5 %		60-140	08/04/2015	08/06/2015 05:47	EPA 8082A	S
Surrogate: Tetrachloro-meta-xylene		89.7 %		60-140	08/04/2015	08/06/2015 05:47	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

DUP-3

A153121-51 (Wipe)

Date Sampled
07/31/2015 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:12	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		65.3 %		60-140	08/04/2015	08/06/2015 06:12	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		99.8 %		60-140	08/04/2015	08/06/2015 06:12	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9D

Date Sampled

A153121-52 (Wipe)

07/31/2015 11:04

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1248	0.28	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	
Total PCBs	0.28	0.15	ug/Wipe	1	08/04/2015	08/06/2015 06:37	EPA 8082A	

Surrogate: Decachlorobiphenyl

76.1 %

60-140

08/04/2015

08/06/2015 06:37

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

92.3 %

60-140

08/04/2015

08/06/2015 06:37

EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9E

Date Sampled

A153121-53 (Wipe)

07/31/2015 11:09

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:02	EPA 8082A	

Surrogate: Decachlorobiphenyl 54.1 % 60-140 08/04/2015 08/06/2015 07:02 EPA 8082A S

Surrogate: Tetrachloro-meta-xylene 88.0 % 60-140 08/04/2015 08/06/2015 07:02 EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9F

Date Sampled

A153121-54 (Wipe)

07/31/2015 11:13

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1248	0.30	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
Total PCBs	0.30	0.15	ug/Wipe	1	08/04/2015	08/06/2015 07:27	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		84.6 %		60-140	08/04/2015	08/06/2015 07:27	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		101 %		60-140	08/04/2015	08/06/2015 07:27	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9G

Date Sampled

A153121-55 (Wipe)

07/31/2015 11:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 09:56	EPA 8082A	
Surrogate: Decachlorobiphenyl		80.4 %		60-140	08/04/2015	08/06/2015 09:56	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene		90.5 %		60-140	08/04/2015	08/06/2015 09:56	EPA 8082A	



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9H

Date Sampled

A153121-56 (Wipe)

07/31/2015 11:23

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1248	1.2	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	
Total PCBs	1.2	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:21	EPA 8082A	

Surrogate: Decachlorobiphenyl

80.3 % 60-140

08/04/2015

08/06/2015 10:21

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

93.5 % 60-140

08/04/2015

08/06/2015 10:21

EPA 8082A



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE09-FL-9I

Date Sampled

A153121-57 (Wipe)

07/31/2015 11:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1248	1.2	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	
Total PCBs	1.2	0.15	ug/Wipe	1	08/04/2015	08/06/2015 10:46	EPA 8082A	

Surrogate: Decachlorobiphenyl 68.3 % 60-140 08/04/2015 08/06/2015 10:46 EPA 8082A
 Surrogate: Tetrachloro-meta-xylene 90.6 % 60-140 08/04/2015 08/06/2015 10:46 EPA 8082A



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 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10A
A153121-58 (Wipe)

Date Sampled
 07/31/2015 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1248	0.70	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
Total PCBs	0.70	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:11	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		76.7 %		60-140	08/04/2015	08/06/2015 11:11	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		92.7 %		60-140	08/04/2015	08/06/2015 11:11	EPA 8082A	



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 608.221.8700 Phone
 608.221.4889 Fax

Madison Kipp Corp
 201 Waubesa Street
 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10B

Date Sampled

A153121-59 (Wipe)

07/31/2015 12:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 11:36	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		81.5 %		60-140	08/04/2015	08/06/2015 11:36	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		93.2 %		60-140	08/04/2015	08/06/2015 11:36	EPA 8082A	



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 Madison WI, 53704

Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10C
A153121-60 (Wipe)

Date Sampled
 07/31/2015 12:38

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508013

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1254	1.0	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
Total PCBs	1.0	0.15	ug/Wipe	1	08/04/2015	08/06/2015 12:01	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		89.9 %		60-140	08/04/2015	08/06/2015 12:01	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		100 %		60-140	08/04/2015	08/06/2015 12:01	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10D

Date Sampled

A153121-61 (Wipe)

07/31/2015 12:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1248	1.1	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
Total PCBs	1.1	0.15	ug/Wipe	1	08/04/2015	08/06/2015 13:17	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		80.2 %		60-140	08/04/2015	08/06/2015 13:17	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		94.2 %		60-140	08/04/2015	08/06/2015 13:17	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10F
A153121-62 (Wipe)

Date Sampled
 07/31/2015 12:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1248	0.25	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
Total PCBs	0.25	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:22	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		84.2 %		60-140	08/04/2015	08/06/2015 15:22	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		93.2 %		60-140	08/04/2015	08/06/2015 15:22	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10G

Date Sampled

A153121-63 (Wipe)

07/31/2015 13:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1248	1.9	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
Total PCBs	1.9	0.15	ug/Wipe	1	08/04/2015	08/06/2015 15:46	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		66.2 %		60-140	08/04/2015	08/06/2015 15:46	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		92.0 %		60-140	08/04/2015	08/06/2015 15:46	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-10H
A153121-64 (Wipe)

Date Sampled
 07/31/2015 13:04

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:11	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		83.0 %		60-140	08/04/2015	08/06/2015 16:11	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		93.7 %		60-140	08/04/2015	08/06/2015 16:11	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

WIPE10-FL-101
A153121-65 (Wipe)

Date Sampled
 07/31/2015 13:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1248	0.16	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	
Total PCBs	0.16	0.15	ug/Wipe	1	08/04/2015	08/06/2015 16:36	EPA 8082A	

Surrogate: Decachlorobiphenyl

83.1 % 60-140

08/04/2015

08/06/2015 16:36

EPA 8082A

Surrogate: Tetrachloro-meta-xylene

94.2 % 60-140

08/04/2015

08/06/2015 16:36

EPA 8082A



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

Blank
A153121-66 (Wipe)

Date Sampled
07/31/2015 13:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch: A508014

PCB-1016	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1221	ND	0.30	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1232	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1242	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1248	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1254	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
PCB-1260	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
Total PCBs	ND	0.15	ug/Wipe	1	08/04/2015	08/06/2015 17:01	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl</i>		86.5 %		60-140	08/04/2015	08/06/2015 17:01	EPA 8082A	
<i>Surrogate: Tetrachloro-meta-xylene</i>		93.5 %		60-140	08/04/2015	08/06/2015 17:01	EPA 8082A	



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A508011 - ECCS PRE-007

Blank (A508011-BLK1)

Prepared: 08/04/2015 Analyzed: 08/04/2015 22:57

PCB-1016	ND	0.15	ug/Wipe							
PCB-1221	ND	0.30	ug/Wipe							
PCB-1232	ND	0.15	ug/Wipe							
PCB-1242	ND	0.15	ug/Wipe							
PCB-1248	ND	0.15	ug/Wipe							
PCB-1254	ND	0.15	ug/Wipe							
PCB-1260	ND	0.15	ug/Wipe							
Total PCBs	ND	0.15	ug/Wipe							
<i>Surrogate: Decachlorobiphenyl</i>	0.538		ug/Wipe	0.6000		89.6	60-140			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.535		ug/Wipe	0.6000		89.1	60-140			

LCS (A508011-BS1)

Prepared: 08/04/2015 Analyzed: 08/04/2015 22:32

PCB-1248	9.00	0.15	ug/Wipe	10.00		90.0	70-130			
<i>Surrogate: Decachlorobiphenyl</i>	0.541		ug/Wipe	0.6000		90.1	60-140			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.542		ug/Wipe	0.6000		90.3	60-140			

Batch A508012 - ECCS PRE-007

Blank (A508012-BLK1)

Prepared: 08/04/2015 Analyzed: 08/05/2015 11:27

PCB-1016	ND	0.15	ug/Wipe							
PCB-1221	ND	0.30	ug/Wipe							
PCB-1232	ND	0.15	ug/Wipe							
PCB-1242	ND	0.15	ug/Wipe							
PCB-1248	ND	0.15	ug/Wipe							
PCB-1254	ND	0.15	ug/Wipe							
PCB-1260	ND	0.15	ug/Wipe							
Total PCBs	ND	0.15	ug/Wipe							
<i>Surrogate: Decachlorobiphenyl</i>	0.570		ug/Wipe	0.6000		95.0	60-140			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.567		ug/Wipe	0.6000		94.5	60-140			

LCS (A508012-BS1)

Prepared: 08/04/2015 Analyzed: 08/05/2015 11:02

PCB-1248	9.15	0.15	ug/Wipe	10.00		91.5	70-130			
<i>Surrogate: Decachlorobiphenyl</i>	0.553		ug/Wipe	0.6000		92.2	60-140			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.552		ug/Wipe	0.6000		92.1	60-140			



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Project: MKC Wipe Samples - Madison, WI
 Project Number: [none]
 Project Manager: Alina Satkoski

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A508013 - ECCS PRE-007

Blank (A508013-BLK1)

Prepared: 08/04/2015 Analyzed: 08/05/2015 23:57

PCB-1016	ND	0.15	ug/Wipe							
PCB-1221	ND	0.30	ug/Wipe							
PCB-1232	ND	0.15	ug/Wipe							
PCB-1242	ND	0.15	ug/Wipe							
PCB-1248	ND	0.15	ug/Wipe							
PCB-1254	ND	0.15	ug/Wipe							
PCB-1260	ND	0.15	ug/Wipe							
Total PCBs	ND	0.15	ug/Wipe							

Surrogate: Decachlorobiphenyl	0.547		ug/Wipe	0.6000		91.1	60-140			
Surrogate: Tetrachloro-meta-xylene	0.571		ug/Wipe	0.6000		95.1	60-140			

LCS (A508013-BS1)

Prepared: 08/04/2015 Analyzed: 08/05/2015 23:32

PCB-1248	9.45	0.15	ug/Wipe	10.00		94.5	70-130			
Surrogate: Decachlorobiphenyl	0.535		ug/Wipe	0.6000		89.2	60-140			
Surrogate: Tetrachloro-meta-xylene	0.570		ug/Wipe	0.6000		95.1	60-140			

Batch A508014 - ECCS PRE-007

Blank (A508014-BLK1)

Prepared: 08/04/2015 Analyzed: 08/06/2015 12:51

PCB-1016	ND	0.15	ug/Wipe							
PCB-1221	ND	0.30	ug/Wipe							
PCB-1232	ND	0.15	ug/Wipe							
PCB-1242	ND	0.15	ug/Wipe							
PCB-1248	ND	0.15	ug/Wipe							
PCB-1254	ND	0.15	ug/Wipe							
PCB-1260	ND	0.15	ug/Wipe							
Total PCBs	ND	0.15	ug/Wipe							

Surrogate: Decachlorobiphenyl	0.536		ug/Wipe	0.6000		89.3	60-140			
Surrogate: Tetrachloro-meta-xylene	0.578		ug/Wipe	0.6000		96.4	60-140			

LCS (A508014-BS1)

Prepared: 08/04/2015 Analyzed: 08/06/2015 12:26

PCB-1248	10.3	0.15	ug/Wipe	10.00		103	70-130			
Surrogate: Decachlorobiphenyl	0.544		ug/Wipe	0.6000		90.6	60-140			
Surrogate: Tetrachloro-meta-xylene	0.630		ug/Wipe	0.6000		105	60-140			



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201 Waubesa Street
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Project: MKC Wipe Samples - Madison, WI
Project Number: [none]
Project Manager: Alina Satkoski

Notes and Definitions

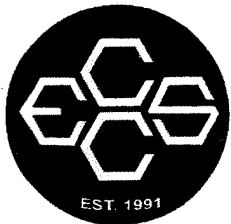
- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry
Consulting Services, Inc.**
2525 Advance Road
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CHAIN OF CUSTODY

Project Number:				Lab Work Order #: A153121				Mail Report To: Alina Satkoski					
Project Name: MKC wipe samples				Analyses Requested:				Company: Madison Kipp					
Project Location: Madison, WI				Preservation Codes:				Address: 201 Waubesa St. Madison, WI 53704					
Turn Around (circle one): Normal Rush				Matrix	Total # of Containers	PCBs	PCBs				E-mail Address: asatkoski@madison-kipp.com		
If Rush, Report Due Date:											Invoice To: ap@madison-kipp.com		
Sampled By (Print): Alina Satkoski											Company: Madison Kipp		
											Address:		
Sample Description	Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time
	Date	Time											
MKC-WIPE02-FLOOR 2B	7/30/15	8:00	O	1	X							01	
WIPE02-FL2C	7/30/15	8:10	O	1	X							02	
WIPE02-FL2D	7/30/15	8:28	O	1	X							03	
WIPE02-FL2F	7/30/15	8:35	O	1	X							04	
DUP-1	7/30/15	/	O	1	X							05	
WIPE02-FL2G	7/30/15	8:40	O	1	X							06	
WIPE02-FL2H	7/30/15	8:45	O	1	X							07	
WIPE02-FL2I	7/30/15	8:50	O	1	X							08	
WIPE04-FL4A	7/30/15	9:00	O	1	X							09	
WIPE04-FL4B	7/30/15	9:06	O	1	X							10	
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: Alina Satkoski			Date: 7/31/15	Time: 15:00	Received By: Kari-Anne Kelly			Date: 7/31/15	Time: 1500	
Matrix Codes A=Air S=Soil W=Water O=Other			Custody Seal: Present/Absent Intact/Not Intact Seal #'s			Receipt Temp:			Temp Blank Y N on ice				
			Shipped Via: picked up										



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

CHAIN OF CUSTODY

Project Number:				Lab Work Order #: <u>A153121</u>				Mail Report To: <u>See page 1</u>							
Project Name: <u>mcc wipe samples</u>				Analyses Requested:				Company:							
Project Location: <u>Madison, WI</u>				Preservation Codes:				Address:							
Turn Around (circle one): <u>Normal</u> Rush				Matrix	Total # of Containers	<u>PCBS</u>					E-mail Address:				
If Rush, Report Due Date:											Invoice To:		Company:		
Sampled By (Print): <u>Alina Satkowski</u>											Address:				
Sample Description	Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time		
	Date	Time													
<u>WIPE04 - FL 4C</u>	<u>7/30</u>	<u>914</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>11</u>			
<u>WIPE04 - FL 4E</u>	<u>7/30</u>	<u>918</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>12</u>			
<u>WIPE04 - FL FL 4F</u>	<u>7/30/15</u>	<u>923</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>13</u>			
<u>WIPE04 - FL 4G</u>	<u>7/30/15</u>	<u>930</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>14</u>			
<u>WIPE04 - FL 4H</u>	<u>7/30/15</u>	<u>934</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>15</u>			
<u>WIPE04 - FL 4I</u>	<u>7/30/15</u>	<u>940</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>16</u>			
<u>WIPE05 - FL 5A</u>	<u>7/30/15</u>	<u>1015</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>17</u>			
<u>WIPE05 - FL 5B</u>	<u>7/30/15</u>	<u>1023</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>18</u>			
<u>WIPE05 - FL 5C</u>	<u>7/30/15</u>	<u>1028</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>19</u>			
<u>DUP - 2</u>	<u>7/30/15</u>	<u>-</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>20</u>			
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>Alina Satkowski</u> Relinquished By:				Date: <u>7/31/15</u> Time: <u>15:00</u>		Received By: <u>Kari Ann Gillin</u> Received By:		Date: <u>7/31/15</u> Time: <u>1500</u>			
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal: Present/Absent Intact/Not Intact Seal #'s				Receipt Temp:		Shipped Via: <u>picked up</u>				Temp Blank Y N <u>on ice</u>	



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CHAIN OF CUSTODY

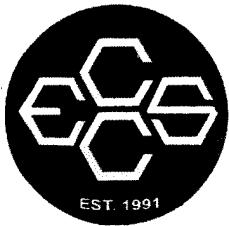
Project Number:				Analyses Requested				Mail Report To: <u>See page 1</u>						
Project Name: <u>mke wipe sampling</u>				Preservation Codes				Company:						
Project Location: <u>Madison, WI</u>								Address:						
Turn Around (circle one): <u>Normal</u> Rush				Matrix Total # of Containers <u>PRBS</u>				E-mail Address:						
If Rush, Report Due Date:								Invoice To:						
Sampled By (Print): <u>Alina Satkoski</u>								Company:						
								Address:						
Sample Description		Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time
		Date	Time											
<u>WIPE 05 FL 5D</u>		<u>7/30/15</u>	<u>1035</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>21</u>	
<u>WIPE 05 FL 5E</u>		<u>7/30/15</u>	<u>1040</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>22</u>	
<u>WIPE 05 FL 5G</u>		<u>7/30/15</u>	<u>1047</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>23</u>	
<u>WIPE 06 FL 6B</u>		<u>7/30/15</u>	<u>1055</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>24</u>	
<u>WIPE 06 FL 6C</u>		<u>7/30/15</u>	<u>1109</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>25</u>	
<u>WIPE 06 - FL 6D</u>		<u>7/30/15</u>	<u>1119</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>26</u>	
<u>WIPE 06 - FL 6E</u>		<u>7/30/15</u>	<u>1122</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>27</u>	
<u>WIPE 06 - FL 6F</u>		<u>7/30/15</u>	<u>1126</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>28</u>	
<u>WIPE 06 - FL 6G</u>		<u>7/30/15</u>	<u>1130</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>29</u>	
<u>WIPE 06 FL 6H</u>		<u>7/30/15</u>	<u>1135</u>	<u>0</u>	<u>1</u>	<u>X</u>							<u>30</u>	
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>Alina Satkoski</u>				Date:	Time:	Received By: <u>Kari-Anne Kileen</u>				Date:	Time:	
		Relinquished By:				Date:	Time:	Received By:				Date:	Time:	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: Present/ <u>Absent</u> Intact/Not Intact Seal #s				Receipt Temp:				Temp Blank Y N <u>on ice</u>				
		Shipped Via: <u>picked up</u>												



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CHAIN OF CUSTODY

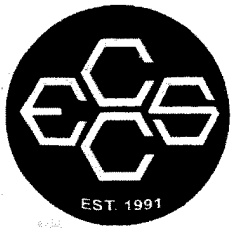
Project Number:				Analyses Requested				Mail Report To: <u>See page 1</u>					
Project Name: <u>mkc wipe sampling</u>				Preservation Codes				Company:					
Project Location: <u>Madison, WI</u>								Address:					
Turn Around (circle one): <u>Normal</u> Rush				Matrix Total # of Containers <u>PCBS</u>				E-mail Address:					
If Rush, Report Due Date:								Invoice To:					
Sampled By (Print): <u>Alina Satkoski</u>								Company:					
								Address:					
Sample Description		Collection		Matrix		Total # of Containers				Comments		Lab ID	Lab Receipt Time
		Date	Time										
<u>WIPE05- FL 5I</u>		<u>7/30/15</u>	<u>1050</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>31</u>	
<u>WIPE06- FL 6I</u>		<u>7/30/15</u>	<u>1045</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>32</u>	
<u>WIPE07 - FL 7A</u>		<u>7/31</u>	<u>748</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>33</u>	
<u>WIPE07- FL 7B</u>		<u>7/31/15</u>	<u>753</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>34</u>	
<u>WIPE07- FL 7D</u>		<u>7/31/15</u>	<u>810</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>35</u>	
<u>WIPE07- FL 7E</u>		<u>7/31/15</u>	<u>815</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>36</u>	
<u>WIPE07- FL 7F</u>		<u>7/31/15</u>	<u>818</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>37</u>	
<u>WIPE07- FL 7G</u>		<u>7/31/15</u>	<u>822</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>38</u>	
<u>WIPE07 FL 7H</u>		<u>7/31/15</u>	<u>834</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>39</u>	
<u>WIPE07 FL 7I</u>		<u>7/31/15</u>	<u>837</u>	<u>0</u>	<u>1</u>	<u>X</u>						<u>40</u>	
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>Alina Satkoski</u>				Date: <u>7/31/15</u>	Time: <u>1500</u>	Received By: <u>Kari Ann Kileen</u>		Date: <u>7/31/15</u>	Time: <u>1500</u>		
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: Present/Absent Intact/Not Intact Seal #'s				Date:	Time:	Received By:		Date:	Time:		
		Shipped Via: <u>picked up</u>						Receipt Temp:				Temp Blank Y N <u>none</u>	



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CHAIN OF CUSTODY

Project Number:				Lab Work Order #: A153121				Mail Report To: <i>See page 1</i>					
Project Name: <i>mkc wire samples</i>				Analyses Requested:				Company:					
Project Location: <i>Madison, WI</i>				Preservation Codes:				Address:					
Turn Around (circle one): <u>Normal</u> Rush				Matrix	Total # of Containers	<i>PCBS</i>					E-mail Address:		
If Rush, Report Due Date:											Invoice To:		
Sampled By (Print): <i>Alina Satkoski</i>											Company:		
											Address:		
Sample Description	Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time
	Date	Time											
<i>WIPE08 FL 8A</i>	<i>7/31/15</i>	<i>952</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>41</i>	
<i>WIPE08 FL 8B</i>	<i>7/31/15</i>	<i>955</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>42</i>	
<i>WIPE08 FL 8C</i>	<i>7/31/15</i>	<i>1009</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>43</i>	
<i>WIPE08 FL 8E</i>	<i>7/31/15</i>	<i>1014</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>44</i>	
<i>WIPE08 FL 8F</i>	<i>7/31/15</i>	<i>1019</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>45</i>	
<i>WIPE08 FL 8G</i>	<i>7/31/15</i>	<i>1022</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>46</i>	
<i>WIPE08 FL 8H</i>	<i>7/31/15</i>	<i>1025</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>47</i>	
<i>WIPE08 FL 8I</i>	<i>7/31/15</i>	<i>1030</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>48</i>	
<i>WIPE08 FL 8JA</i>	<i>7/31/15</i>	<i>1050</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>49</i>	
<i>WIPE09 FL 9B</i>	<i>7/31/15</i>	<i>1055</i>	<i>0</i>	<i>1</i>	<i>X</i>							<i>50</i>	
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: <i>Alina Satkoski</i> Relinquished By:			Date: <i>7/31/15</i> Time: <i>1500</i> Date: Time:		Received By: <i>Kari Ann Gillis</i> Received By:		Date: <i>7/31/15</i> Time: <i>1500</i> Date: Time:			
Matrix Codes A=Air S=Soil W=Water O=Other			Custody Seal: Present/Absent Intact/Not Intact Seal #'s			Receipt Temp: Temp Blank Y N <i>on ice</i>							
			Shipped Via: <i>picked up</i>										



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CHAIN OF CUSTODY

Project Number:				Lab Work Order #: <u>A153121</u>				Mail Report To: <u>See page 1</u>						
Project Name: <u>mke wipe sampling</u>				Analyses Requested:				Company:						
Project Location: <u>Madison, WI</u>				Preservation Codes:				Address:						
Turn Around (circle one): <u>Normal</u> Rush				Matrix	Total # of Containers	<u>PBS</u>					E-mail Address:			
If Rush, Report Due Date:											Invoice To:		Company:	
Sampled By (Print): <u>Alina Sattkaski</u>											Address:			
Sample Description	Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time	
	Date	Time												
DUP-3	-	-	O	1	X							51		
WIPE09-FL 9D	7/31/15	1104	O	1	X							52		
WIPE09-FL 9E	7/31/15	1109	O	1	X							53		
WIPE09-FL 9F	7/31/15	1113	O	1	X							54		
WIPE09-FL 9G	7/31/15	1118	O	1	X							55		
WIPE09-FL 9H	7/31/15	1123	O	1	X							56		
WIPE09-FL 9I	7/31/15	1127	O	1	X							57		
WIPE10-FL 10A	7/31/15	1230	O	1	X							58		
WIPE10-FL 10B	7/31/15	1235	O	1	X							59		
WIPE10-FL 10C	7/31/15	1238	O	1	X							60		
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>Alina Sattkaski</u>			Date:	Time:	Received By: <u>Kari Ann Kiehl</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:			Temp Blank Y N <u>on ice</u>					
			Shipped Via: <u>picked up</u>											



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608-221-4889 (fax)

CHAIN OF CUSTODY

Project Number:				Analyses Requested				Mail Report To: <u>See page 1</u>						
Project Name: <u>MCC - wipe sampling</u>				Preservation Codes				Company:						
Project Location: <u>Madison, WI</u>								Address:						
Turn Around (circle one): <u>Normal</u> Rush				Matrix Total # of Containers <u>PCBS</u>				E-mail Address:						
If Rush, Report Due Date:								Invoice To:						
Sampled By (Print): <u>Alicia Satkowski</u>								Company:						
								Address:						
Sample Description		Collection		Matrix	Total # of Containers							Comments	Lab ID	Lab Receipt Time
		Date	Time											
<u>WIPE10 FL 10D</u>		<u>7/31/15</u>	<u>1250</u>	O	1	X							61	
<u>WIPE10 FL 10F</u>		<u>7/31/15</u>	<u>1257</u>	O	1	X							62	
<u>WIPE10 FL 10G</u>		<u>7/31/15</u>	<u>1300</u>	O	1	X							63	
<u>WIPE10 FL 10H</u>		<u>7/31/15</u>	<u>1304</u>	O	1	X							64	
<u>WIPE10 FL 10I</u>		<u>7/31/15</u>	<u>1310</u>	O	1	X							65	
<u>Blank</u>		<u>7/31/15</u>	<u>1315</u>	O	1	X							66	
													-	
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>Alicia Satkowski</u>				Date: <u>7/31/15</u>	Time: <u>1500</u>	Received By: <u>Mari-Ann Gillis</u>				Date: <u>7/31/15</u>	Time: <u>1500</u>	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <u>Present/Absent</u> Intact/Not Intact Seal #'s				Date:	Time:	Received By:				Date:	Time:	
		Shipped Via: <u>picked up</u>						Receipt Temp:						
								Temp Blank Y N <u>on ice</u>						

Pace Analytical e-Report

Report prepared for:

ARCADIS
126 N. JEFFERSON ST #400
MILWAUKEE, WI 53202
CONTACT: JENNINE TRASK

Project ID: WI001368.0028.00001 MADISON KIPP

Sampling Date(s): August 14, 2015

Lab Report ID: 15080502

Client Service Contact: Chelsea Farmer (518) 346-4592 ext. 3843

Analysis Included:

PCB Analysis (TO-10A)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Roy Smith
Technical Director



Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337),
Massachusetts (M-NY906), Virginia (1884)

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Section 3: SAMPLE CHAIN OF CUSTODY	8
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4

5

6

CASE NARRATIVE

August 31, 2015

CASE NARRATIVE

This data package (SDG ID: 15080502) consists of 2 polyurethane foam samples received on 08/15/2015. The samples are from Project Name: WI001368.0028.00001 MADISON KIPP.

This sample delivery group consists of the following samples:

<u>Lab Sample ID</u>	<u>Client ID</u>	<u>Collection Date</u>
AS24312	MKC- AIR01	08/14/2015 15:25
AS24313	MKC- AIR02	08/14/2015 15:30

Sample Delivery and Receipt Conditions


- (1.) All samples were delivered to the laboratory via FEDEX delivery service on 08/15/2015.
- (2.) All samples were received at the laboratory intact and within holding times.
- (3.) All samples were received at the laboratory properly preserved, if applicable.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method TO-10A with Dual GC Column Analysis. Samples were extracted by Method TO-10A. The following technical and administrative items were noted for the analysis:

- (1.) The percent recovery for one of the surrogates was not within acceptance limits for sample (LAB ID: AS24313). The alternate surrogate was within acceptance limits. Please see the results for details.
- (2.) Air volumes were provided by the client on the sample chain of custody. Results were calculated based on these air volumes.

Respectfully submitted,



Jill Grygas
Project Manager

QUALIFIERS

Definitions

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted outside the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be reanalyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

MDL – Adjusted Method Detection Limit.

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

PQL – Practical Quantitation Limit. PQLs are adjusted for sample weight/volume and dilution factors.

RL - Reporting Limit Denotes lowest analyte concentration reportable for the sample based on regulatory or project specific limits.

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL) or the Reporting Limit (RL) or the Method Detection Limit (MDL) as applicable.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

CHAIN-OF-CUSTODY / Analytical Request Document

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

<15080502P1>



Page: 1 of 1

Section A
Required Client Information:

Company: **ARCADIS**
Address: **176 N. JEFFERSON ST., #400 MILWAUKEE WI 53202**
Email To: **JENNINE.TRASK@ARCADIS-US.COM**
Phone: **414-276-7742** Fax: **414-276-7603**
Requested Due Date/TAT: **STANDARD**

Section B
Required Project Information:

Report To: **JENNINE TRASK**
Copy To: **JENNINE.TRASK@ARCADIS-US.COM**
Purchase Order No.:
Project Name: **MADISON KIPP**
Project Number: **WI001368.0028.00001**

Section C
Invoice Information:

Attention: **ACCOUNTS PAYABLE SUITE 600**
Company Name: **ARCADIS**
Address: **630 PLAZA DRIVE HIGHLANDS RANCH, CO. 80129**
Face Quote Reference: **00018911**
Face Project Manager: **CHELSEA FARMER**
Face Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: _____
STATE: **WI**

1817272

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ PCB METHOD TO-10/A	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				
			DATE	TIME	DATE	TIME														
1	MKC-AIR01	AR C	8/14/15	725	8/14/15	1525	1											AS24312		
2	MKC-AIR02	AR C	8/14/15	730	8/14/15	1530	1											AS24313		
3	MKC-AIR03	AR C	8/14/15		8/14/15		1													
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
EACH PUF HAD 2400L OF AIR PUMPED THROUGH	VIA FED EX →			VIA FED EX → J. Butty (PACE)	8/15/15	10:33	5.6 (IR) Y Y Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **TIM ALESSI**

SIGNATURE of SAMPLER: _____

DATE Signed (MM/DD/YY): **8/14/15**

Temp in °C

Received on ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)



Sample Condition Upon Receipt

CLIENT NAME: ARC-WI
PROJECT: WI00'368.0028.00001

COURIER: FedEx UPS Client Pace Other
TRACKING # 8017 0217 2734 CUSTODY SEAL PRESENT: Yes No INTACT: Yes No N/A
PACKING MATERIAL: Bubble Wrap Bubble Bags None Other ICE USED: Wet Blue None
THERMOMETER USED: #164 IR Gun 03 #122087967 COOLER TEMPERATURE (°C): 7.2 (Temp blank) / 5.6 (IR Gun)
BIOLOGICAL TISSUE IS FROZEN: Yes No N/A Temp should be above freezing to 6°C

Temperature is Acceptable? Yes No

COMMENTS:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.
Sampler Name / Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
- Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	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	12.
- Includes date/time/ID/Analysis		
All containers needing preservation have been checked:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
- Exceptions that are not checked: TOC, VOA, Subcontract Analyses		
Initial when completed:	<u>N/A</u>	Lot # of added preservative: <u>N/A</u>
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot #:	<u>N/A</u>	

Sample Receipt form filled in: AJB 8/18/15

Line-Out (Includes Copying Shipping Documents and verifying sample pH): AJB 8/18/15
Log In (Includes notifying PM of any discrepancies and documenting in LIMS): AJB 8/17/15
Labeling (Includes Scanning Bottles and entering LAB IDs into pH logbook): AJB 8/18/15

SAMPLE RECEIPT



SAMPLE RECEIPT REPORT

15080502

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

CLIENT: ARCADIS
PROJECT: WI001368.0028.00001 MADISON KIPP
LRF: 15080502
REPORT: ANALYTICAL REPORT
EDD: YES
LRF TAT: 2 WEEK

RECEIVED DATE: 08/15/2015 10:33
SHIPPED VIA: FEDEX
SHIPPING ID: 8017 0217 2734
NUMBER OF COOLERS: 1
CUSTODY SEAL INTACT: YES
COOLER STATUS: CHILLED
TEMPERATURE(S): 5.6 (IR) °C

SAMPLE SEALS INTACT: NA
¹**SAMPLES PRESERVED PER METHOD GUIDANCE:** YES
³**SAMPLES REC'D IN HOLDTIME:** YES
DISPOSAL: BY LAB (45 DAYS)
COC DISCREPANCY: NO

COMMENTS:

CLIENT ID (LAB ID)	TAT-DUE Date ⁴	DATE-TIME SAMPLED	MATRIX	METHOD	TEST DESCRIPTION	QC REQUEST
MKC- AIR01 (AS24312)	2 WEEK 08-31-15	08/14/2015 15:25	PF10	EPA TO-10A	PCB Analysis (TO-10A)	
MKC- AIR02 (AS24313)	2 WEEK 08-31-15	08/14/2015 15:30	PF10	EPA TO-10A	PCB Analysis (TO-10A)	

¹The pH preservation check of Oil and Grease (Method 1664) and Total Organic Carbon (Method 5310B) are performed as soon as possible after sample receipt and may not be included in this report.
²The pH preservation check of aqueous volatile samples is not performed until after the analysis of the sample to maintain zero headspace and is not included in this report.
³Samples received for pH analysis are not marked as a hold time exceedance here. SW-846 methods suggests analysis to be done within 15 minutes of sample collection. Because of transportation time it is not possible for the laboratory to perform the test in that time. Sample Certificates of Analysis reports are noted as such.
⁴Samples arriving at the laboratory after 4:00 pm are assigned a due date as if they arrived the following business day unless other arrangements have been made. The due date represents the date the lab report is expected to be completed on or before 5:00 pm (EST) for the date specified.
⁵All samples which require thermal preservation shall be considered acceptable when received greater than 6 degrees Celsius if they are collected on the same day as received and there is evidence that the chilling process has begun, such as arrival on ice. Control limits are between 0-6 Degrees Celsius. Control limits do not apply for metals analysis.
⁶Samples requesting analysis for Orthophosphate (SM 4500-P E-99,-11) require the samples to be filtered in the field within 15 minutes of the sampling event. Samples that are received unfiltered will be noted as not method compliant on the Certificates of Analysis.

Reporting Parameters and Lists

- EPA TO-10A - PCB Analysis (TO-10A) - (ug/m3)
- Aroclor 1016
 - Aroclor 1221
 - Aroclor 1232
 - Aroclor 1242
 - Aroclor 1248
 - Aroclor 1254
 - Aroclor 1260
 - Total PCB Amount > RL

GC - PCB



Analytical Sample Results

Job Number: 15080502

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: MKC- AIR01
Lab Sample ID: 15080502-01 (AS24312)

Collection Date: 08/14/2015 15:25
Sample Matrix: POLYURETHANE FOAM
Received Date: 08/15/2015 10:33
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1487-8	EPA Method TO-10A	08/23/2015 11:17	JKA	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	2.40m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug/m ³)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0417	1.00	U	GC10B-1487-8
Aroclor 1221	11104-28-2	ND	0.0417	1.00	U	GC10B-1487-8
Aroclor 1232	11141-16-5	ND	0.0417	1.00	U	GC10B-1487-8
Aroclor 1242	53469-21-9	0.0519	0.0417	1.00		GC10B-1487-8
Aroclor 1248	12672-29-6	ND	0.0417	1.00	U	GC10B-1487-8
Aroclor 1254	11097-69-1	ND	0.0417	1.00	U	GC10B-1487-8
Aroclor 1260	11096-82-5	ND	0.0417	1.00	U	GC10B-1487-8
Total PCB Amount > RL	1336-36-3	0.0519		1.00		GC10B-1487-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	95.4	60.0-120		GC10F-1501-8
Decachlorobiphenyl	2051-24-3	104	60.0-120		GC10F-1501-8
Tetrachloro-meta-xylene	877-09-8	103	60.0-120		GC10B-1487-8
Decachlorobiphenyl	2051-24-3	116	60.0-120		GC10B-1487-8

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Note: Concentration results based upon client supplied air volumes.



Analytical Sample Results

Job Number: 15080502

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: MKC- AIR02
Lab Sample ID: 15080502-02 (AS24313)

Collection Date: 08/14/2015 15:30
Sample Matrix: POLYURETHANE FOAM
Received Date: 08/15/2015 10:33
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1501-9	EPA Method TO-10A	08/23/2015 11:29	JKA	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	2.40m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug/m ³)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0417	1.00	U	GC10F-1501-9
Aroclor 1221	11104-28-2	ND	0.0417	1.00	U	GC10F-1501-9
Aroclor 1232	11141-16-5	ND	0.0417	1.00	U	GC10F-1501-9
Aroclor 1242	53469-21-9	0.0532	0.0417	1.00		GC10F-1501-9
Aroclor 1248	12672-29-6	ND	0.0417	1.00	U	GC10F-1501-9
Aroclor 1254	11097-69-1	ND	0.0417	1.00	U	GC10F-1501-9
Aroclor 1260	11096-82-5	ND	0.0417	1.00	U	GC10F-1501-9
Total PCB Amount > RL	1336-36-3	0.0532		1.00		GC10F-1501-9

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.8	60.0-120		GC10F-1501-9
Decachlorobiphenyl	2051-24-3	112	60.0-120		GC10F-1501-9
Tetrachloro-meta-xylene	877-09-8	106	60.0-120		GC10B-1487-9
Decachlorobiphenyl	2051-24-3	127	60.0-120	*	GC10B-1487-9

¹Qualifier column where "*" denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Note: Concentration results based upon client supplied air volumes.

Quality Control Samples (Lab)



**Quality Control Results
Method Blank**

Job Number: 15080502

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Method Blank (AS24312BRR1)
Lab Sample ID: PBLK-77

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1487-5	EPA Method TO-10A	08/23/2015 10:39	JKA	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC10B-1487-5
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC10B-1487-5
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC10B-1487-5

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	90.6	60.0-120		GC10B-1487-5
Decachlorobiphenyl	2051-24-3	110	60.0-120		GC10B-1487-5

¹Qualifier column where * denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Method Blank**

Job Number: 15080502

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Method Blank (AS24312BRR1)
Lab Sample ID: PBLK-77

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1501-5	EPA Method TO-10A	08/23/2015 10:39	JKA	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC10F-1501-5
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC10F-1501-5
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC10F-1501-5

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	85.8	60.0-120		GC10F-1501-5
Decachlorobiphenyl	2051-24-3	98.5	60.0-120		GC10F-1501-5

¹Qualifier column where *R* denotes value outside the control limits or *D* denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)
Job Number: 15080502**

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Lab Control Sample (AS24312LRR1)
Lab Sample ID: LCS-77

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1487-6	EPA Method TO-10A	08/23/2015 10:51	JKA	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1242	53469-21-9	1.00	0.971	97.1		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	94.6	60.0-120		GC10B-1487-6
Decachlorobiphenyl	2051-24-3	110	60.0-120		GC10B-1487-6

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)
Job Number: 15080502**

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Lab Control Sample (AS24312LRR1)
Lab Sample ID: LCS-77

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1501-6	EPA Method TO-10A	08/23/2015 10:51	JKA	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1242	53469-21-9	1.00	0.889	88.9		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	89.7	60.0-120		GC10F-1501-6
Decachlorobiphenyl	2051-24-3	99.2	60.0-120		GC10F-1501-6

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 15080502

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS	Collection Date: N/A
Project: WI001368.0028.00001 MADISON KIPP	Sample Matrix: POLYURETHANE FOAM
Client Sample ID: Lab Control Sample - Duplicate (AS24312SRR1)	Received Date: N/A
Lab Sample ID: LCSD-77	Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1487-7	EPA Method TO-10A	08/23/2015 11:04	JKA	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCSD (ug)	LCSD % Rec.	Q ¹	Limits (%)	Precision		
							LCS % Rec.	RPD	Q ¹
Aroclor 1242	53469-21-9	1.00	0.904	90.4		70.0-130	97.1	7.15	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	97.7	60.0-120		GC10B-1487-7
Decachlorobiphenyl	2051-24-3	117	60.0-120		GC10B-1487-7

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 15080502

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS	Collection Date: N/A
Project: WI001368.0028.00001 MADISON KIPP	Sample Matrix: POLYURETHANE FOAM
Client Sample ID: Lab Control Sample - Duplicate (AS24312SRR1)	Received Date: N/A
Lab Sample ID: LCSD-77	Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1501-7	EPA Method TO-10A	08/23/2015 11:04	JKA	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	31909	TO-10A	08/20/2015 16:55	CRW	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCSD (ug)	LCSD % Rec.	Q ¹	Limits (%)	Precision		
							LCS % Rec.	RPD	Q ¹
Aroclor 1242	53469-21-9	1.00	0.852	85.2		70.0-130	88.9	4.25	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	81.8	60.0-120		GC10F-1501-7
Decachlorobiphenyl	2051-24-3	102	60.0-120		GC10F-1501-7

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Pace Analytical e-Report

Report prepared for:

ARCADIS
126 N. JEFFERSON ST #400
MILWAUKEE, WI 53202
CONTACT: JENNINE TRASK

Project ID: WI001368.0028.00001 MADISON KIPP

Sampling Date(s): August 21, 2015

Lab Report ID: 15080697

Client Service Contact: Chelsea Farmer (518) 346-4592 ext. 3843

Analysis Included:

PCB Analysis (TO-10A)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Roy Smith
Technical Director



Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337),
Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc. | 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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CASE NARRATIVE

September 08, 2015

CASE NARRATIVE

This data package (SDG ID: 15080697) consists of 1 polyurethane foam sample received on 08/22/2015. The sample is from Project Name: WI001368.0028.00001 MADISON KIPP.

This sample delivery group consists of the following samples:

<u>Lab Sample ID</u>	<u>Client ID</u>	<u>Collection Date</u>
AS25408	MKC-AIR03	08/21/2015 15:15

Sample Delivery and Receipt Conditions

- (1.) All samples were delivered to the laboratory via FEDEX delivery service on 08/22/2015.
- (2.) All samples were received at the laboratory intact and within holding times.
- (3.) All samples were received at the laboratory properly preserved, if applicable.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method TO-10A with Dual GC Column Analysis. Samples were extracted by Method TO-10A. The following technical and administrative items were noted for the analysis:

- (1.) All quality assurance parameters were met for this analysis, unless otherwise noted.
- (2.) Results were calculated based on client provided air volumes. See chain of custody for details.

Respectfully submitted,



Jill Grygas
Project Manager

QUALIFIERS

Definitions

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted outside the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be reanalyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

MDL – Adjusted Method Detection Limit.

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

PQL – Practical Quantitation Limit. PQLs are adjusted for sample weight/volume and dilution factors.

RL - Reporting Limit Denotes lowest analyte concentration reportable for the sample based on regulatory or project specific limits.

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL) or the Reporting Limit (RL) or the Method Detection Limit (MDL) as applicable.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING


2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: Jennine Trask
 Company: ARCADIS
 Address: 126 N. Jefferson St.
 Address: # 400
 Phone: 414 276 7742
 Fax: 414-276 7603
 E-Mail: Jennine.Trask@arcadis-us

Bill To (optional)
 Contact: Accounts Payable
 Company: ARCADIS
 Address: 630 Plaza Drive
 Address: Highlands Ranch, CO 80129
 Phone: _____
 Fax: _____
 PO# / Reference# W1001368.0028.0001

Chain of Custody Record

Lab Job #: _____
 Chain of Custody Number: <15080697P1>

Page 1 of _____

 150806971

Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Comments
Project Name		Lab Project #		Date		Time		# of Containers		
<u>ARCADIS</u>		<u>W1001368.0028.0001</u>		<u>7</u>						Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
<u>mcc - Indoor Air</u>		<u>Chelsea farmer</u>						<u>PCB method TD-101A</u>		
Project Location/State		Lab Project #		Date		Time		# of Containers		Comments
<u>Madison, WI</u>		<u>Chelsea farmer</u>		<u>8/21/15</u>		<u>10:00</u>		<u>1 A</u>		
Sampler		Lab PM		Date		Time		# of Containers		Comments
<u>Aina Satkoski</u>				<u>8/21/15</u>		<u>10:00</u>		<u>1 A</u>		
Lab ID	MS/MSD	Sample ID		Date	Time	# of Containers	Matrix			Comments
		<u>mcc-Air03</u>		<u>8/21/15</u>	<u>10:00</u>	<u>1</u>	<u>A</u>	<u>X</u>		

3

Turnaround Time Required (Business Days)
 ___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days 10 Days ___ 15 Days ___ Other

Requested Due Date _____

Sample Disposal
 Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Aina Satkoski</u>	Company <u>mcc</u>	Date <u>8/21/15</u>	Time <u>10:00</u>	Received By <u>VIA FED EX</u>	Company <u>(PACE)</u>	Date <u>8/22/15</u>	Time <u>11:15</u>
Relinquished By <u>VIA FED EX</u>	Company <u>(PACE)</u>	Date <u>8/22/15</u>	Time <u>11:15</u>	Received By <u>J. Duff</u>	Company <u>(PACE)</u>	Date <u>8/22/15</u>	Time <u>11:15</u>

Lab Courier: _____
 Shipped: _____
 Hand Delivered: _____

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments
Each pump had 2400 L of air pumped through.
No residual chlorine

Lab Comments:
Temp: 5.4°C (IR)
CoC seal: (Y)



Sample Condition Upon Receipt

CLIENT NAME: ARC - WI
PROJECT: WI 001368.0028.00001

COURIER: FedEx UPS Client Pace Other
TRACKING # 9071 4802 1528 CUSTODY SEAL PRESENT: Yes No INTACT: Yes No N/A
PACKING MATERIAL: Bubble Wrap Bubble Bags None Other ICE USED: Wet Blue None
THERMOMETER USED: #164 IR Gun 03 #122087967 COOLER TEMPERATURE (°C): 5.4
BIOLOGICAL TISSUE IS FROZEN: Yes No N/A Temp should be above freezing to 6°C
COMMENTS: Temperature is Acceptable? Yes No

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name / Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
- Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		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		12.
- Includes date/time/ID/Analysis				
All containers needing preservation have been checked:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are in compliance with EPA recommendation:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
- Exceptions that are not checked: TOC, VOA, Subcontract Analyses				Initial when completed: <u>NA</u> Lot # of added preservative: <u>NA</u>
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot #:	<u>NA</u>			

Sample Receipt form filled in: KAC 8/24/15

Line-Out (Includes Copying Shipping Documents and verifying sample pH):
Log In (Includes notifying PM of any discrepancies and documenting in LIMS):
Labeling (Includes Scanning Bottles and entering LAB IDs into pH logbook):

MW 8/24/15
KAC 8/24/15
MW 8/24/15

SAMPLE RECEIPT



SAMPLE RECEIPT REPORT 15080697

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

CLIENT: ARCADIS
PROJECT: WI001368.0028.00001 MADISON KIPP
LRF: 15080697
REPORT: ANALYTICAL REPORT
EDD: YES
LRF TAT: 2 WEEK

RECEIVED DATE: 08/22/2015 11:15
SHIPPED VIA: FEDEX
SHIPPING ID: 8071 4802 1528
NUMBER OF COOLERS: 1
CUSTODY SEAL INTACT: YES
COOLER STATUS: CHILLED
TEMPERATURE(S): 5.4(IR) °C
SAMPLE SEALS INTACT: NA
SAMPLES PRESERVED PER METHOD GUIDANCE: YES
SAMPLES REC'D IN HOLDTIME: YES
DISPOSAL: BY LAB (45 DAYS)
COC DISCREPANCY: NO

COMMENTS:

CLIENT ID (LAB ID)	TAT-DUE Date ⁴	DATE-TIME SAMPLED	MATRIX	METHOD	TEST DESCRIPTION	QC REQUEST
MKC-AIR03 (AS25408)	2 WEEK 09-08-15	08/21/2015 15:15	PF10	EPA TO-10A	PCB Analysis (TO-10A)	

¹The pH preservation check of Oil and Grease (Method 1664) and Total Organic Carbon (Method 5310B) are performed as soon as possible after sample receipt and may not be included in this report.
²The pH preservation check of aqueous volatile samples is not performed until after the analysis of the sample to maintain zero headspace and is not included in this report.
³Samples received for pH analysis are not marked as a hold time exceedance here. SW-846 methods suggests analysis to be done within 15 minutes of sample collection. Because of transportation time it is not possible for the laboratory to perform the test in that time. Sample Certificates of Analysis reports are noted as such.
⁴Samples arriving at the laboratory after 4:00 pm are assigned a due date as if they arrived the following business day unless other arrangements have been made. The due date represents the date the lab report is expected to be completed on or before 5:00 pm (EST) for the date specified.
⁵All samples which require thermal preservation shall be considered acceptable when received greater than 6 degrees Celsius if they are collected on the same day as received and there is evidence that the chilling process has begun, such as arrival on ice. Control limits are between 0-6 Degrees Celsius. Control limits do not apply for metals analysis.
⁶Samples requesting analysis for Orthophosphate (SM 4500-P E-99,-11) require the samples to be filtered in the field within 15 minutes of the sampling event. Samples that are received unfiltered will be noted as not method compliant on the Certificates of Analysis.

Reporting Parameters and Lists

EPA TO-10A - PCB Analysis (TO-10A) - (ug/m3)

- Aroclor 1016
- Aroclor 1221
- Aroclor 1232
- Aroclor 1242
- Aroclor 1248
- Aroclor 1254
- Aroclor 1260
- Total PCB Amount > RL

GC - PCB



Analytical Sample Results

Job Number: 15080697

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: MKC-AIR03
Lab Sample ID: 15080697-01 (AS25408)

Collection Date: 08/21/2015 15:15
Sample Matrix: POLYURETHANE FOAM
Received Date: 08/22/2015 11:15
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1513-60	EPA Method TO-10A	09/05/2015 01:12	JRS	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	2.40m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug/m ³)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0417	1.00	U	GC10F-1513-60
Aroclor 1221	11104-28-2	ND	0.0417	1.00	U	GC10F-1513-60
Aroclor 1232	11141-16-5	ND	0.0417	1.00	U	GC10F-1513-60
Aroclor 1242	53469-21-9	0.157	0.0417	1.00		GC10F-1513-60
Aroclor 1248	12672-29-6	ND	0.0417	1.00	U	GC10F-1513-60
Aroclor 1254	11097-69-1	ND	0.0417	1.00	U	GC10F-1513-60
Aroclor 1260	11096-82-5	ND	0.0417	1.00	U	GC10F-1513-60
Total PCB Amount > RL	1336-36-3	0.157		1.00		GC10F-1513-60

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	102	60.0-120		GC10F-1513-60
Decachlorobiphenyl	2051-24-3	115	60.0-120		GC10F-1513-60
Tetrachloro-meta-xylene	877-09-8	92.5	60.0-120		GC10B-1499-60
Decachlorobiphenyl	2051-24-3	118	60.0-120		GC10B-1499-60

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Note: Concentration results based upon client supplied air volumes.

Quality Control Samples (Lab)



**Quality Control Results
Method Blank**

Job Number: 15080697

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS	Collection Date: N/A
Project: WI001368.0028.00001 MADISON KIPP	Sample Matrix: POLYURETHANE FOAM
Client Sample ID: Method Blank (AS25776BRR1)	Received Date: N/A
Lab Sample ID: PBLK-78	Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1499-53	EPA Method TO-10A	09/04/2015 23:44	JRS	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC10B-1499-53
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC10B-1499-53
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC10B-1499-53

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	92.0	60.0-120		GC10B-1499-53
Decachlorobiphenyl	2051-24-3	115	60.0-120		GC10B-1499-53

¹Qualifier column where *R* denotes value outside the control limits or *D* denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Method Blank**

Job Number: 15080697

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Method Blank (AS25776BRR1)
Lab Sample ID: PBLK-78

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1513-53	EPA Method TO-10A	09/04/2015 23:44	JRS	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC10F-1513-53
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC10F-1513-53
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC10F-1513-53

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	86.9	60.0-120		GC10F-1513-53
Decachlorobiphenyl	2051-24-3	109	60.0-120		GC10F-1513-53

¹Qualifier column where *R* denotes value outside the control limits or *D* denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**
Job Number: 15080697

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Lab Control Sample (AS25776LRR1)
Lab Sample ID: LCS-78

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1499-54	EPA Method TO-10A	09/04/2015 23:56	JRS	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1242	53469-21-9	1.00	1.04	104		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.0	60.0-120		GC10B-1499-54
Decachlorobiphenyl	2051-24-3	119	60.0-120		GC10B-1499-54

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**
Job Number: 15080697

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ARCADIS
Project: WI001368.0028.00001 MADISON KIPP
Client Sample ID: Lab Control Sample (AS25776LRR1)
Lab Sample ID: LCS-78

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1513-54	EPA Method TO-10A	09/04/2015 23:56	JRS	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1242	53469-21-9	1.00	0.963	96.3		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	92.7	60.0-120		GC10F-1513-54
Decachlorobiphenyl	2051-24-3	113	60.0-120		GC10F-1513-54

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 15080697

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS	Collection Date: N/A
Project: WI001368.0028.00001 MADISON KIPP	Sample Matrix: POLYURETHANE FOAM
Client Sample ID: Lab Control Sample - Duplicate (AS25776SRR1)	Received Date: N/A
Lab Sample ID: LCSD-78	Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10B-1499-55	EPA Method TO-10A	09/05/2015 00:09	JRS	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCSD (ug)	LCSD % Rec.	Q ¹	Limits (%)	Precision		
							LCS % Rec.	RPD	Q ¹
Aroclor 1242	53469-21-9	1.00	1.00	100		70.0-130	104	3.77	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	93.5	60.0-120		GC10B-1499-55
Decachlorobiphenyl	2051-24-3	115	60.0-120		GC10B-1499-55

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 15080697

Pace Analytical Services, Inc.
 2190 Technology Drive
 Schenectady, NY 12308
 Phone: 518.346.4592
 Fax: 518.381.6055

Client: ARCADIS	Collection Date: N/A
Project: WI001368.0028.00001 MADISON KIPP	Sample Matrix: POLYURETHANE FOAM
Client Sample ID: Lab Control Sample - Duplicate (AS25776SRR1)	Received Date: N/A
Lab Sample ID: LCSD-78	Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC10F-1513-55	EPA Method TO-10A	09/05/2015 00:09	JRS	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	32020	TO-10A	08/27/2015 16:45	NPC	0.00m ³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCSD (ug)	LCSD % Rec.	Q ¹	Limits (%)	Precision		
							LCS % Rec.	RPD	Q ¹
Aroclor 1242	53469-21-9	1.00	0.960	96.0		70.0-130	96.3	8.00	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	87.9	60.0-120		GC10F-1513-55
Decachlorobiphenyl	2051-24-3	112	60.0-120		GC10F-1513-55

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.