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Madison, WI 53717

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November 12, 2024

Andrea Dierich
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, IL 60604

Subject: Concrete Segregation and Removal Documentation Report
Madison-Kipp Corporation, Madison, WI
BRRTS #: 02-13-578014
TRC Project #: 581184.0003

Ms. Dierich:

TRC Environmental Corporation (TRC), on behalf of Madison-Kipp Corporation (MKC), is submitting this *Concrete Segregation and Removal Documentation Report* to the United States Environmental Protection Agency (USEPA). This report documents the completion of the segregation, removal, and disposal of MKC concrete material which was inadvertently hauled to a recycling facility. TRC performed oversight and documentation during the segregation and removal activities, consistent with the *Concrete Segregation and Removal Plan*[1].

Background

MKC operates an aluminum die casting facility, located at 201 Waubesa Street, Madison, Wisconsin (Site). Historical die casting operations that involved hydraulic fluids containing polychlorinated biphenyl (PCBs), and dust suppression of the parking lot using PCB-containing oils at the facility resulted in PCB impacts at the Site. Various site investigations and remedial activities have been completed over the years at the Site.

MKC conducts facility maintenance and makes improvements to the facility interior periodically as a result of business operations. As part of the improvements, sections of the facility floor are repaired and/or replaced. Based on the historical PCB use at the Site, floor replacement activities include waste characterization sampling prior to the removal of materials from the site. In February 2024, MKC notified TRC of planned facility improvements and TRC conducted concrete waste characterization sampling prior to material removal. Samples were analyzed for PCBs and concentrations were reported above the Wisconsin Department of Natural Resources (WDNR) NR 720 non-industrial direct contact pathway but below the industrial direct contact pathway.

On March 28, 2024, MKC commenced the facility improvement work and removed and replaced the concrete from a 16-foot by 12-foot area within their facility. Removal of the concrete consisted of saw cutting the perimeter of the area followed by breaking of the concrete into pieces measuring approximately 2-foot by 2-foot (4 square feet (sqft)) or smaller to allow for transport from the repair location to a dump truck that was staged outside of the facility. The MKC facility concrete has a distinct black color/staining on its surface as result of years of facility die-casting operations. The thickness of the concrete was noted by MKC personnel to be between six to eight inches. The amount of material removed was approximately 4.6 cubic yards or approximately 7 tons (assuming a density of 1.5 tons equals 1 cubic yard). As completed historically for facility improvement work and based on the

[1] TRC, 2024. Concrete Segregation and Removal Plan. Madison Kipp Corporation, Madison, Wisconsin. September 2024.

presence of PCBs in waste characterization samples, the concrete was intended to be disposed of at a WDNR-licensed disposal facility approved to accept the PCB impacted concrete. However, MKC inadvertently had the concrete hauled to an alternative disposal facility in Deforest, WI which recycles concrete material. The recycling facility takes in concrete materials and processes the materials for reuse as base course for pavement type construction projects.

MKC notified TRC of the concrete disposal on April 3, 2024, and the recycling facility was contacted shortly after to notify them of the situation. The facility blocked off the area where the MKC concrete was placed on April 4, 2024, to ensure no additional material was placed in the same stockpile. TRC and MKC conducted a site walk on April 5, 2024, to inspect the stockpile and to determine the concrete handling processes of the recycling facility. The recycling facility personnel showed TRC and MKC the portion of the stockpile where MKC's concrete had been placed. Recycling facility personnel stated that accepted material is transported into the site and dumped at the top of the stockpile. The transported material is then pushed off the side of the stockpile at the end of each day. The stockpile is constructed off the side of an embankment, and it was noted that MKC's concrete had been placed along the eastern portion of the stockpile. Photos of the stockpile are included in the Photographic Log in Attachment 1.

TRC contacted the WDNR and USEPA on April 5, 2024, to discuss the inadvertent hauling of concrete to the recycling facility. MKC and TRC provided detailed information and multiple conference calls were completed to discuss potential options to determine an appropriate action regarding the disposal of the MKC concrete. Following discussions, a *Concrete Segregation and Removal Plan* (Plan) was submitted to the WDNR and USEPA on September 13, 2024, and USEPA provided concurrence of the Plan on October 1, 2024.

As outlined in the Plan, MKC proposed to remove a portion of the eastern slope of the stockpile where the MKC concrete was placed. Based on the means and methods of disposal at the facility and the uneven surface of the stockpile, MKC proposed to remove up to a total of 100 cubic yards (150 tons) of material to over excavate the stockpile to ensure no additional MKC concrete remains in the stockpile. The amount of additional material to be removed corresponded to the estimated volume of material placed on the eastern area of the stockpile between March 28, 2024, and April 4, 2024. MKC proposed to use lined roll-off containers to store the segregated material and allow for waste characterization prior to offsite disposal.

Due to the height of the stockpile and reach of excavating equipment, the concrete removal process was proposed to be completed in stages, addressing the top half the of stockpile first and then moving to the lower half of the stockpile.

Field Summary

Upon receiving USEPA's approval of the *Concrete Segregation and Removal Plan*, TRC and MKC met with Green For Life (GFL) and representatives from the recycling facility on October 7, 2024 to discuss roll-off container placement, the concrete segregation procedures, and general logistics. Ten roll-off containers were delivered to the recycling facility yard later that day.

On October 8, 2024, plastic liners were placed in each roll-off container and secured prior to concrete being placed inside. TRC and MKC were at the recycling facility yard to oversee and confirm the concrete segregation and removal process was executed in accordance with the Plan. Beginning at the top of the stockpile, an approximately one-foot thick layer of concrete material from the 40-foot wide stockpile slope was removed using an excavator bucket. Each excavator bucket load was then placed into a front-end loader so that the removed material could be weighed before being placed into the roll-off containers. TRC and MKC inspected the concrete being removed for evidence of MKC concrete. Several pieces of concrete from this portion of the stockpile were identified and found to potentially be from MKC's facility based on size, thickness, and a black stained surface. Two roll-off containers were filled from the upper portion of the stockpile. The exposed stockpile surface was found to be sand with bricks and larger pieces of concrete (greater than 2-foot by 2-foot).

After confirming the one-foot thick layer of material was removed and no visual evidence of MKC concrete remained, concrete segregation and removal began at the lower portion of the stockpile. TRC and MKC inspected the concrete from the lower portion of the pile during the removal process for evidence of MKC concrete. Several additional pieces of concrete were found to potentially be from MKC's facility. Concrete was removed from the bottom of the pile until the exposed surface was found to be sand, bricks, and larger concrete material (greater than 2-foot by 2-foot). A total of six roll-off containers were filled with the material from the lower portion of the stockpile. In total, eight roll-off containers were filled with the segregated concrete material. The roll-off containers were covered with plastic upon completion of material removal and staged pending waste characterization. TRC, MKC and personnel from the recycling facility inspected the surface of the stockpile during and following the removal action and agreed that concrete pieces that could've potentially come from MKC had been removed. Photo documentation of the stockpile prior to, during, and following the segregation and removal process is included in Attachment 1.

TRC and MKC met with a GFL representative on October 10, 2024, to conduct waste characterization sampling of the removed concrete material. One representative composite sample from each roll-off container was collected and analyzed for PCBs (EPA 8082A) and TCLP metals (EPA 6010D), per GFL's request. Analytical results were received on October 25, 2024, and the waste profile for the concrete material was approved on the same day. The laboratory analytical report was provided to USEPA and WDNR on October 25, 2024, and is included in Attachment 2.

The eight roll-off containers were removed from the recycling facility and transported to GFL's Glacier Ridge landfill in Horicon, WI between October 29, and November 4, 2024, for final disposal. The total tonnage removed and disposed of was 113.08 tons. The certificate of disposal documentation is included in Attachment 2.

Conclusion

During facility improvements, MKC removed less than 5 cubic yards of concrete from their Madison, Wisconsin facility and inadvertently placed the material at a recycling facility. The area where the material was placed was isolated following the placement. Consistent with the approved Plan, concrete materials were segregated and removed from the stockpile for disposal. The stockpile was visually inspected during segregation and removal for evidence of MKC concrete. Visual inspection of the stockpile following the removal process confirms that the MKC concrete was removed and that the material remaining in place on the stockpile did not originate from MKC. No further action is required.

Please contact Andrew Stehn at (608) 807-8112 with any questions or if you wish to discuss this report.

Sincerely,

TRC

Andrew Stehn, P.E.
Senior Project Engineer

Ted O'Connell
Senior Project Manager/Hydrogeologist

Attachments:
1. Photographic Log
2. Disposal Documentation

Attachment 1

Photographic Log

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
1	10/8/2024

Description:
Concrete stockpile before material was removed.

Photo facing east from the top of the stockpile.

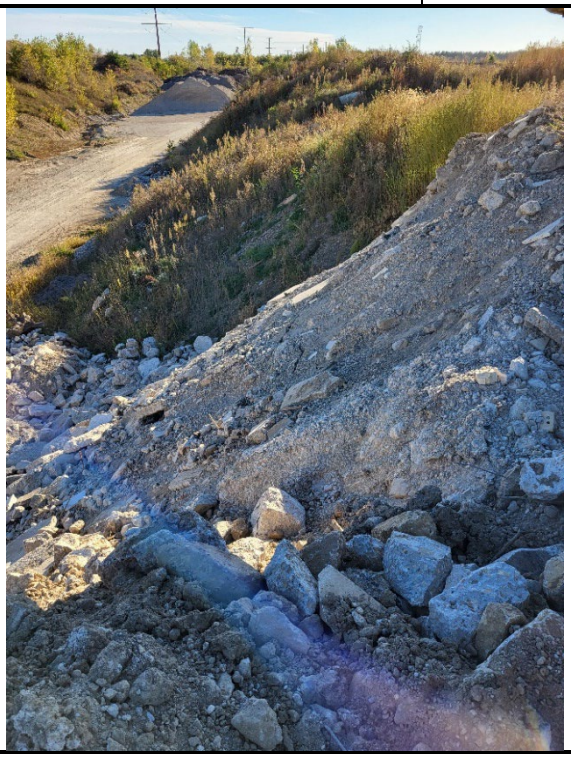
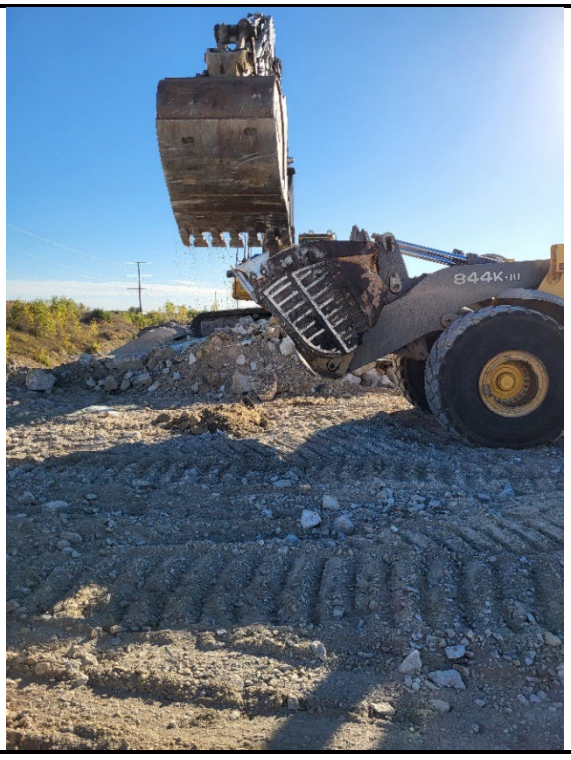


Photo No.	Date
2	10/8/2024

Description:
Excavator loading segregated concrete material into front-end loader bucket for weighing and loading into roll-off container.

Photo facing east.



Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
3	10/8/2024

Description:
Concrete piece identified as MKC concrete. Black stained surface shown.

Photo facing west.

Photo No.	Date
4	10/8/2024

Description:
Stockpile after concrete segregation and removal from top portion was completed.

Photo facing northeast.

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
5	10/8/2024

Description:
Stockpile after concrete segregation and removal from top was completed.

Photo facing east.

Photo No.	Date
6	10/8/2024

Description:
Stockpile before concrete segregation and removal from the lower portion was completed.

Photo facing south.

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
7	10/8/2024

Description:
Excavator loading segregated concrete material into front-end loader bucket.

Photo facing southeast.

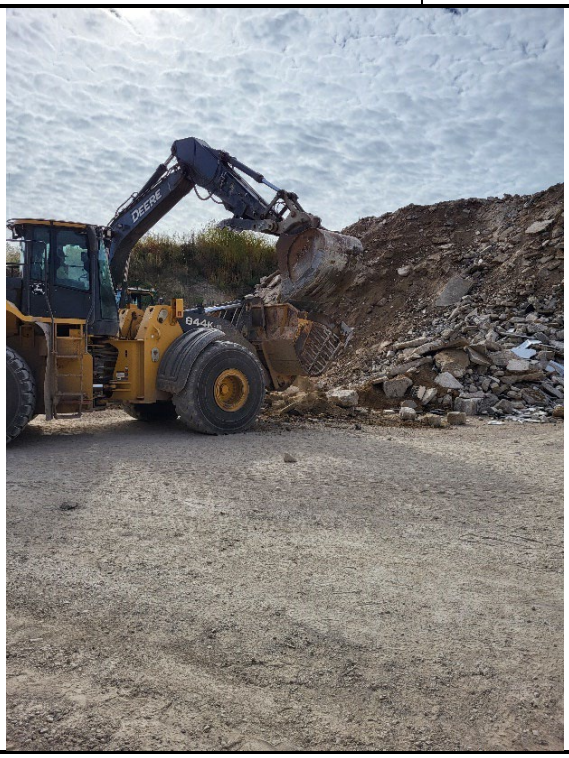


Photo No.	Date
8	10/8/2024

Description:
Stockpile after concrete segregation and removal from the lower portion was completed.

Photo facing south.

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
9	10/8/2024

Description:
Concrete piece identified as MKC concrete. Black stained surface shown.

Photo facing south.

Photo No.	Date
10	10/8/2024

Description:
Concrete piece identified as MKC concrete. Black stained surface shown.

Photo facing south.

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
11	10/8/2024

Description:
Lined and covered rolloff containers at bottom of the stockpile.

Photo facing northwest

Photo No.	Date
12	10/10/2024

Description:
Representative composite sample collected from rolloff container #1.

Photo facing west.

Photographic Log

Client Name:	Site Location:	Project No.:
Madison-Kipp Corporation (MKC)	Recycling Facility DeForest, WI 53532	581184.0003.0000

Photo No.	Date
13	10/10/2024

Description:
Representative composite sample collected from rolloff container #5.

Photo facing south

Photo No.	Date
14	10/10/2024

Description:
Representative composite sample collected from rolloff container #8.

Photo facing south.

Attachment 2

Disposal Documentation

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 25, 2024

Floyd Leo
GFL Enviromental Inc
2124 Kohler Memorial Drive
Suite 210
Sheboygan, WI 53081

RE: Project: MADISON KIPP
Pace Project No.: 40285647

Dear Floyd Leo:

Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,

Cindy K Varga

Cindy Varga
cindy.varga@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: APHoricon, GFL Enviromental
Jake Margelofsky, GFL Enviromental

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: MADISON KIPP
Pace Project No.: 40285647

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: MADISON KIPP
Pace Project No.: 40285647

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40285647001	**PCB CONCRETE #1**	Solid	10/10/24 11:49	10/11/24 13:10
40285647002	**PCB CONCRETE #2**	Solid	10/10/24 11:57	10/11/24 13:10
40285647003	**PCB CONCRETE #3**	Solid	10/10/24 12:08	10/11/24 13:10
40285647004	**PCB CONCRETE #4**	Solid	10/10/24 12:18	10/11/24 13:10
40285647005	**PCB CONCRETE #5**	Solid	10/10/24 12:28	10/11/24 13:10
40285647006	**PCB CONCRETE #6**	Solid	10/10/24 12:36	10/11/24 13:10
40285647007	**PCB CONCRETE #7**	Solid	10/10/24 12:40	10/11/24 13:10
40285647008	**PCB CONCRETE #8**	Solid	10/10/24 12:45	10/11/24 13:10

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #1 **Lab ID: 40285647001** Collected: 10/10/24 11:49 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	12674-11-2	
PCB-1221 (Aroclor 1221)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	11104-28-2	
PCB-1232 (Aroclor 1232)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	11141-16-5	
PCB-1242 (Aroclor 1242)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	53469-21-9	
PCB-1248 (Aroclor 1248)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	12672-29-6	
PCB-1254 (Aroclor 1254)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	11097-69-1	
PCB-1260 (Aroclor 1260)	**<15.7**	ug/kg	51.7	15.7	1	10/21/24 12:00	10/22/24 00:24	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	88	%	65-120		1	10/21/24 12:00	10/22/24 00:24	877-09-8	
Decachlorobiphenyl (S)	68	%	55-120		1	10/21/24 12:00	10/22/24 00:24	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:00	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:00	7440-38-2	
Barium	**0.60**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:00	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:00	7440-43-9	
Chromium	**0.032**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:00	7440-47-3	
Copper	**0.0043J**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:00	7440-50-8	
Nickel	**0.011**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:00	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:00	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:00	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:00	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:06	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.2**	%	0.10	0.10	1		10/18/24 14:57		

Sample: PCB CONCRETE #2 **Lab ID: 40285647002** Collected: 10/10/24 11:57 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	12674-11-2	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #2 **Lab ID: 40285647002** Collected: 10/10/24 11:57 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1221 (Aroclor 1221)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	11141-16-5	
PCB-1242 (Aroclor 1242)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	12672-29-6	
PCB-1254 (Aroclor 1254)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	11097-69-1	
PCB-1260 (Aroclor 1260)	**<17.2**	ug/kg	56.6	17.2	1	10/21/24 12:00	10/22/24 00:45	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	65-120		1	10/21/24 12:00	10/22/24 00:45	877-09-8	
Decachlorobiphenyl (S)	63	%	55-120		1	10/21/24 12:00	10/22/24 00:45	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:05	7440-22-4	
Arsenic	**0.0085J**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:05	7440-38-2	
Barium	**0.24**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:05	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:05	7440-43-9	
Chromium	**0.043**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:05	7440-47-3	
Copper	**0.0057J**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:05	7440-50-8	
Nickel	**<0.0026**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:05	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:05	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:05	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:05	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:16	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.6**	%	0.10	0.10	1		10/18/24 14:57		

Sample: PCB CONCRETE #3 **Lab ID: 40285647003** Collected: 10/10/24 12:08 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	11104-28-2	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #3 **Lab ID: 40285647003** Collected: 10/10/24 12:08 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1232 (Aroclor 1232)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	11097-69-1	
PCB-1260 (Aroclor 1260)	**<16.6**	ug/kg	54.4	16.6	1	10/21/24 12:00	10/22/24 02:53	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	65-120		1	10/21/24 12:00	10/22/24 02:53	877-09-8	
Decachlorobiphenyl (S)	63	%	55-120		1	10/21/24 12:00	10/22/24 02:53	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:11	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:11	7440-38-2	
Barium	**0.25**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:11	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:11	7440-43-9	
Chromium	**0.048**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:11	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:11	7440-50-8	
Nickel	**<0.0026**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:11	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:11	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:11	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:11	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:18	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.3**	%	0.10	0.10	1		10/18/24 14:57		

Sample: PCB CONCRETE #4 **Lab ID: 40285647004** Collected: 10/10/24 12:18 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	11141-16-5	

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ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #4 **Lab ID: 40285647004** Collected: 10/10/24 12:18 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1242 (Aroclor 1242)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	11097-69-1	
PCB-1260 (Aroclor 1260)	**<16.1**	ug/kg	53.0	16.1	1	10/21/24 12:00	10/22/24 03:14	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	84	%	65-120		1	10/21/24 12:00	10/22/24 03:14	877-09-8	
Decachlorobiphenyl (S)	65	%	55-120		1	10/21/24 12:00	10/22/24 03:14	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:13	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:13	7440-38-2	
Barium	**0.44**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:13	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:13	7440-43-9	
Chromium	**0.0076J**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:13	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:13	7440-50-8	
Nickel	**<0.0026**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:13	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:13	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:13	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:13	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:20	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.7**	%	0.10	0.10	1		10/18/24 14:57		

Sample: PCB CONCRETE #5 **Lab ID: 40285647005** Collected: 10/10/24 12:28 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	12674-11-2	
PCB-1221 (Aroclor 1221)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	11104-28-2	
PCB-1232 (Aroclor 1232)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	11141-16-5	
PCB-1242 (Aroclor 1242)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	53469-21-9	

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ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #5 **Lab ID: 40285647005** Collected: 10/10/24 12:28 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1248 (Aroclor 1248)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	12672-29-6	
PCB-1254 (Aroclor 1254)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	11097-69-1	
PCB-1260 (Aroclor 1260)	**<15.9**	ug/kg	52.2	15.9	1	10/21/24 12:00	10/22/24 03:36	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	85	%	65-120		1	10/21/24 12:00	10/22/24 03:36	877-09-8	
Decachlorobiphenyl (S)	67	%	55-120		1	10/21/24 12:00	10/22/24 03:36	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:15	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:15	7440-38-2	
Barium	**0.23**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:15	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:15	7440-43-9	
Chromium	**0.038**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:15	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:15	7440-50-8	
Nickel	**0.0028J**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:15	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:15	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:15	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:15	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:23	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.9**	%	0.10	0.10	1		10/18/24 14:57		

Sample: PCB CONCRETE #6 **Lab ID: 40285647006** Collected: 10/10/24 12:36 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	12674-11-2	
PCB-1221 (Aroclor 1221)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	11104-28-2	
PCB-1232 (Aroclor 1232)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	11141-16-5	
PCB-1242 (Aroclor 1242)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	12672-29-6	

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ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #6 **Lab ID: 40285647006** Collected: 10/10/24 12:36 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1254 (Aroclor 1254)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	11097-69-1	
PCB-1260 (Aroclor 1260)	**<15.8**	ug/kg	52.0	15.8	1	10/21/24 12:00	10/22/24 03:57	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	83	%	65-120		1	10/21/24 12:00	10/22/24 03:57	877-09-8	
Decachlorobiphenyl (S)	64	%	55-120		1	10/21/24 12:00	10/22/24 03:57	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:17	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:17	7440-38-2	
Barium	**0.41**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:17	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:17	7440-43-9	
Chromium	**0.020**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:17	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:17	7440-50-8	
Nickel	**0.0092J**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:17	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:17	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:17	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:17	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:25	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.4**	%	0.10	0.10	1		10/18/24 14:58		

Sample: PCB CONCRETE #7 **Lab ID: 40285647007** Collected: 10/10/24 12:40 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	11097-69-1	

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ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #7 **Lab ID: 40285647007** Collected: 10/10/24 12:40 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1260 (Aroclor 1260)	**<16.5**	ug/kg	54.2	16.5	1	10/21/24 12:00	10/22/24 04:18	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	80	%	65-120		1	10/21/24 12:00	10/22/24 04:18	877-09-8	
Decachlorobiphenyl (S)	59	%	55-120		1	10/21/24 12:00	10/22/24 04:18	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:19	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:19	7440-38-2	
Barium	**0.41**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:19	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:19	7440-43-9	
Chromium	**0.037**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:19	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:19	7440-50-8	
Nickel	**0.0094J**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:19	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:19	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:19	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:19	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:27	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.4**	%	0.10	0.10	1		10/18/24 14:58		

Sample: PCB CONCRETE #8 **Lab ID: 40285647008** Collected: 10/10/24 12:45 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	11097-69-1	
PCB-1260 (Aroclor 1260)	**<16.3**	ug/kg	53.4	16.3	1	10/21/24 12:00	10/22/24 04:40	11096-82-5	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MADISON KIPP
Pace Project No.: 40285647

Sample: PCB CONCRETE #8 **Lab ID: 40285647008** Collected: 10/10/24 12:45 Received: 10/11/24 13:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
Surrogates									
Tetrachloro-m-xylene (S)	77	%	65-120		1	10/21/24 12:00	10/22/24 04:40	877-09-8	
Decachlorobiphenyl (S)	60	%	55-120		1	10/21/24 12:00	10/22/24 04:40	2051-24-3	
6010D MET ICP, TCLP	Analytical Method: EPA 6010D Preparation Method: EPA 3015A Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Silver	**<0.0032**	mg/L	0.010	0.0032	1	10/22/24 12:33	10/22/24 15:21	7440-22-4	
Arsenic	**<0.0083**	mg/L	0.025	0.0083	1	10/22/24 12:33	10/22/24 15:21	7440-38-2	
Barium	**0.54**	mg/L	0.0050	0.0015	1	10/22/24 12:33	10/22/24 15:21	7440-39-3	
Cadmium	**<0.0013**	mg/L	0.0050	0.0013	1	10/22/24 12:33	10/22/24 15:21	7440-43-9	
Chromium	**0.040**	mg/L	0.010	0.0025	1	10/22/24 12:33	10/22/24 15:21	7440-47-3	
Copper	**<0.0034**	mg/L	0.010	0.0034	1	10/22/24 12:33	10/22/24 15:21	7440-50-8	
Nickel	**0.023**	mg/L	0.010	0.0026	1	10/22/24 12:33	10/22/24 15:21	7440-02-0	
Lead	**<0.0059**	mg/L	0.020	0.0059	1	10/22/24 12:33	10/22/24 15:21	7439-92-1	
Selenium	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:21	7782-49-2	
Zinc	**<0.012**	mg/L	0.040	0.012	1	10/22/24 12:33	10/22/24 15:21	7440-66-6	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 10/21/24 15:19 Pace Analytical Services - Green Bay								
Mercury	**<0.000066**	mg/L	0.00020	0.000066	1	10/22/24 12:34	10/23/24 07:29	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.1**	%	0.10	0.10	1		10/18/24 14:58		

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

QC Batch: 487943
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

METHOD BLANK: 2794475 Matrix: Water
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.000066	0.00020	10/23/24 06:34	

METHOD BLANK: 2791244 Matrix: Water
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.000066	0.00020	10/23/24 06:50	

METHOD BLANK: 2793973 Matrix: Water
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.000066	0.00020	10/23/24 07:04	

METHOD BLANK: 2793974 Matrix: Water
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.000066	0.00020	10/23/24 07:59	

LABORATORY CONTROL SAMPLE: 2794476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.005	0.0057	114	85-115	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

MATRIX SPIKE SAMPLE: 2794477

Parameter	Units	40285647001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	<0.000066	0.005	0.0054	108	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2794478 2794517

Parameter	Units	40285795001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	<0.000066	0.005	0.005	0.0053	0.0053	106	107	85-115	0	20	

MATRIX SPIKE SAMPLE: 2794481

Parameter	Units	40286044001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	<0.000066	0.005	0.0050	99	85-115	

MATRIX SPIKE SAMPLE: 2794483

Parameter	Units	40286099002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.27 ug/L	0.005	0.0058	110	85-115	

MATRIX SPIKE SAMPLE: 2794484

Parameter	Units	40286099004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.24 ug/L	0.005	0.0055	105	85-115	

MATRIX SPIKE SAMPLE: 2795002

Parameter	Units	40286080008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	<0.000066	0.005	0.0052	104	85-115	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

QC Batch: 487950
QC Batch Method: EPA 3015A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

METHOD BLANK: 2794508 Matrix: Water
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	10/22/24 14:48	
Barium	mg/L	<0.0015	0.0050	10/22/24 14:48	
Cadmium	mg/L	<0.0013	0.0050	10/22/24 14:48	
Chromium	mg/L	<0.0025	0.010	10/22/24 14:48	
Copper	mg/L	<0.0034	0.010	10/22/24 14:48	
Lead	mg/L	<0.0059	0.020	10/22/24 14:48	
Nickel	mg/L	<0.0026	0.010	10/22/24 14:48	
Selenium	mg/L	<0.012	0.040	10/22/24 14:48	
Silver	mg/L	<0.0032	0.010	10/22/24 14:48	
Zinc	mg/L	<0.012	0.040	10/22/24 14:48	

METHOD BLANK: 2793967 Matrix: Solid
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	10/22/24 15:27	
Barium	mg/L	<0.0015	0.0050	10/22/24 15:27	
Cadmium	mg/L	<0.0013	0.0050	10/22/24 15:27	
Chromium	mg/L	<0.0025	0.010	10/22/24 15:27	
Copper	mg/L	<0.0034	0.010	10/22/24 15:27	
Lead	mg/L	<0.0059	0.020	10/22/24 15:27	
Nickel	mg/L	<0.0026	0.010	10/22/24 15:27	
Selenium	mg/L	<0.012	0.040	10/22/24 15:27	
Silver	mg/L	<0.0032	0.010	10/22/24 15:27	
Zinc	mg/L	<0.012	0.040	10/22/24 15:27	

LABORATORY CONTROL SAMPLE: 2794509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.28	0.27	98	80-120	
Barium	mg/L	0.28	0.29	105	80-120	
Cadmium	mg/L	0.28	0.29	104	80-120	
Chromium	mg/L	0.28	0.28	102	80-120	
Copper	mg/L	0.28	0.29	103	80-120	
Lead	mg/L	0.28	0.30	107	80-120	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

LABORATORY CONTROL SAMPLE: 2794509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nickel	mg/L	0.28	0.29	104	80-120	
Selenium	mg/L	0.28	0.28	100	80-120	
Silver	mg/L	0.14	0.14	102	80-120	
Zinc	mg/L	0.28	0.28	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2794510 2794511

Parameter	Units	40286080008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	0.017J	0.28	0.28	0.29	0.29	98	97	75-125	1	20	
Barium	mg/L	1.5	0.28	0.28	1.7	1.7	84	76	75-125	1	20	
Cadmium	mg/L	<0.0027	0.28	0.28	0.29	0.29	106	104	75-125	2	20	
Chromium	mg/L	<0.0051	0.28	0.28	0.29	0.28	103	101	75-125	3	20	
Copper	mg/L	0.015J	0.28	0.28	0.31	0.30	105	103	75-125	2	20	
Lead	mg/L	0.036J	0.28	0.28	0.33	0.33	106	106	75-125	0	20	
Nickel	mg/L	0.034	0.28	0.28	0.32	0.32	104	103	75-125	1	20	
Selenium	mg/L	<0.024	0.28	0.28	0.30	0.29	109	103	75-125	6	20	
Silver	mg/L	<0.0064	0.14	0.14	0.14	0.14	102	101	75-125	1	20	
Zinc	mg/L	<0.023	0.28	0.28	0.30	0.30	102	101	75-125	1	20	

MATRIX SPIKE SAMPLE: 2794512

Parameter	Units	40285647001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.0083	0.28	0.28	99	75-125	
Barium	mg/L	0.60	0.28	0.88	100	75-125	
Cadmium	mg/L	<0.0013	0.28	0.30	107	75-125	
Chromium	mg/L	0.032	0.28	0.31	101	75-125	
Copper	mg/L	0.0043J	0.28	0.30	105	75-125	
Lead	mg/L	<0.0059	0.28	0.28	102	75-125	
Nickel	mg/L	0.011	0.28	0.29	102	75-125	
Selenium	mg/L	<0.012	0.28	0.30	105	75-125	
Silver	mg/L	<0.0032	0.14	0.15	104	75-125	
Zinc	mg/L	<0.012	0.28	0.29	100	75-125	

MATRIX SPIKE SAMPLE: 2794513

Parameter	Units	40286044001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.017	0.28	0.29	102	75-125	
Barium	mg/L	0.040	0.28	0.33	105	75-125	
Cadmium	mg/L	<0.0027	0.28	0.30	107	75-125	
Chromium	mg/L	<0.0051	0.28	0.29	103	75-125	
Copper	mg/L	0.063	0.28	0.36	108	75-125	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

MATRIX SPIKE SAMPLE: 2794513

Parameter	Units	40286044001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	<0.012	0.28	0.30	107	75-125	
Nickel	mg/L	<0.0052	0.28	0.30	107	75-125	
Selenium	mg/L	<0.024	0.28	0.29	104	75-125	
Silver	mg/L	<0.0064	0.14	0.14	103	75-125	
Zinc	mg/L	0.39	0.28	0.67	101	75-125	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

QC Batch: 487745
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

METHOD BLANK: 2793519 Matrix: Solid
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	49.9	10/21/24 21:33	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	49.9	10/21/24 21:33	
Decachlorobiphenyl (S)	%	83	55-120	10/21/24 21:33	
Tetrachloro-m-xylene (S)	%	93	65-120	10/21/24 21:33	

LABORATORY CONTROL SAMPLE: 2793520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	452	90	68-120	
Decachlorobiphenyl (S)	%			80	55-120	
Tetrachloro-m-xylene (S)	%			91	65-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2793521 2793522

Parameter	Units	40285729001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	
PCB-1221 (Aroclor 1221)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	
PCB-1232 (Aroclor 1232)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	
PCB-1242 (Aroclor 1242)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	
PCB-1248 (Aroclor 1248)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2793521 2793522

Parameter	Units	40285729001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1254 (Aroclor 1254)	ug/kg	<0.020 mg/kg			<19.9	<20.1					20	
PCB-1260 (Aroclor 1260)	ug/kg	<0.020 mg/kg	655	659	505	512	77	78	45-126	1	20	
Decachlorobiphenyl (S)	%						67	68	55-120			
Tetrachloro-m-xylene (S)	%						83	83	65-120			

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QUALITY CONTROL DATA

Project: MADISON KIPP
Pace Project No.: 40285647

QC Batch: 487693
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40285647001, 40285647002, 40285647003, 40285647004, 40285647005, 40285647006, 40285647007, 40285647008

SAMPLE DUPLICATE: 2792796

Parameter	Units	40286007003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%		17.1			

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QUALIFIERS

Project: MADISON KIPP
Pace Project No.: 40285647

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Analyte was measured in the associated method blank at a concentration of -0.00084mg/L.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MADISON KIPP
Pace Project No.: 40285647

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40285647001	**PCB CONCRETE #1**	EPA 3541	487745	EPA 8082A	487770
40285647002	**PCB CONCRETE #2**	EPA 3541	487745	EPA 8082A	487770
40285647003	**PCB CONCRETE #3**	EPA 3541	487745	EPA 8082A	487770
40285647004	**PCB CONCRETE #4**	EPA 3541	487745	EPA 8082A	487770
40285647005	**PCB CONCRETE #5**	EPA 3541	487745	EPA 8082A	487770
40285647006	**PCB CONCRETE #6**	EPA 3541	487745	EPA 8082A	487770
40285647007	**PCB CONCRETE #7**	EPA 3541	487745	EPA 8082A	487770
40285647008	**PCB CONCRETE #8**	EPA 3541	487745	EPA 8082A	487770
40285647001	**PCB CONCRETE #1**	EPA 3015A	487950	EPA 6010D	487992
40285647002	**PCB CONCRETE #2**	EPA 3015A	487950	EPA 6010D	487992
40285647003	**PCB CONCRETE #3**	EPA 3015A	487950	EPA 6010D	487992
40285647004	**PCB CONCRETE #4**	EPA 3015A	487950	EPA 6010D	487992
40285647005	**PCB CONCRETE #5**	EPA 3015A	487950	EPA 6010D	487992
40285647006	**PCB CONCRETE #6**	EPA 3015A	487950	EPA 6010D	487992
40285647007	**PCB CONCRETE #7**	EPA 3015A	487950	EPA 6010D	487992
40285647008	**PCB CONCRETE #8**	EPA 3015A	487950	EPA 6010D	487992
40285647001	**PCB CONCRETE #1**	EPA 7470	487943	EPA 7470	488014
40285647002	**PCB CONCRETE #2**	EPA 7470	487943	EPA 7470	488014
40285647003	**PCB CONCRETE #3**	EPA 7470	487943	EPA 7470	488014
40285647004	**PCB CONCRETE #4**	EPA 7470	487943	EPA 7470	488014
40285647005	**PCB CONCRETE #5**	EPA 7470	487943	EPA 7470	488014
40285647006	**PCB CONCRETE #6**	EPA 7470	487943	EPA 7470	488014
40285647007	**PCB CONCRETE #7**	EPA 7470	487943	EPA 7470	488014
40285647008	**PCB CONCRETE #8**	EPA 7470	487943	EPA 7470	488014
40285647001	**PCB CONCRETE #1**	ASTM D2974-87	487693		
40285647002	**PCB CONCRETE #2**	ASTM D2974-87	487693		
40285647003	**PCB CONCRETE #3**	ASTM D2974-87	487693		
40285647004	**PCB CONCRETE #4**	ASTM D2974-87	487693		
40285647005	**PCB CONCRETE #5**	ASTM D2974-87	487693		
40285647006	**PCB CONCRETE #6**	ASTM D2974-87	487693		
40285647007	**PCB CONCRETE #7**	ASTM D2974-87	487693		
40285647008	**PCB CONCRETE #8**	ASTM D2974-87	487693		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40285647

ALL SHADED AREAS are for LAB USE ONLY

Company: GLACIER RIDGE	Billing Information: GLACIER
Address:	
Report To: FLOYD.LEO@GFLENV.COM	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: MADISON KEPP	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: 920/377/0840 Email:	Site/Facility ID #:
Collected By (print): Mahlek Hayden	Purchase Order #: Quote #:
Collected By (signature): Mahlek Hayden	Turnaround Date Required: ~~Fast~~
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [X] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TCLP II METALS	Analyses: PCB TOTALS	Lab Sample #
PCB CONCRETE #1			10/10/24	11:49					X	X	001
#2			10/10/24	11:57					X	X	002
#3			10/10/24	12:08					X	X	003
#4			10/10/24	12:18					X	X	004
#5			10/10/24	12:28					X	X	005
#6			10/10/24	12:36					X	X	006
#7			10/10/24	12:40					X	X	007
#8			10/10/24	12:45					X	X	008

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples On Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2970032

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Mahlek Hayden	1250 10/10/24	Floyd Leo	12:57 10/10/24
Floyd Leo	6 PM 10/10/24	E. Jol Pace	10/11/24 1105
E. Jol Pace	10/11/24 1310	Kes Staub-Pace	13:10 10/11/24

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Sample Preservation Receipt Form

Client Name: Glacier Ridge Project # 40265647

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☐N/A Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted): Initial when completed: Date/ Time:

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																																		2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																													10/11/24	KKS				2.5 / 5

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☐No ☐N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40285647

40285647

Client Name: Glacier Ridge

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☑ Pace Other: _____

Tracking #: N/A

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer Used SR - 123 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0/1.5 /Corr: 1.0/1.5

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 10/11/24 Initials: KKS

Labeled By Initials: KL

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☑Yes ☐No	7. 5 day rush. KKS 10/11/24
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay), Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. COC: no time on sample. Samples are rocks or concrete. KKS 10/11/24
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

CERTIFICATE OF DISPOSAL

presented to:

Madison-Kipp Corporation

This is to certify that 113.08 tons of
Other Miscellaneous, Industrial Waste/39
under Special Waste Profile GRL 24070
were properly disposed of at the Glacier Ridge Landfill Facility
in accordance with WDNR Operating License #03068.

Dated: November 6, 2024

Jayne Walter
Administrative Assistant

Glacier Ridge Landfill, LLC
N7296 Highway V
Horicon, WI 53032
(920) 387-0987