



708 Heartland Trail
Suite 3000
Madison, WI 53717

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www.TRCSolutions.com

April 25, 2019

Mr. Mike Schmoller
Hydrogeologist
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject: Polychlorinated Biphenyls (PCBs) Bike Path Investigation Documentation

Dear Mr. Schmoller:

In accordance with the Wisconsin Department of Natural Resources (WDNR)-approved Bike Path Investigation and Excavation Work Plan (TRC, March 2019), TRC, on behalf of Madison Kipp Corporation (MKC), completed an investigation of the soils below the Capitol City Bike Path located north of MKC's 201 Waubesa Street Facility in Madison, WI (site) (Figure 1).

Soil Investigation

On April 3, 2019, On-Site Environmental Services, Inc. (OES) and TRC mobilized to the site to complete the soil investigation. The bike path was temporarily closed, and detour signage was setup as requested by the City of Madison. Using direct push Geoprobe® methods, OES advanced six soil borings to a depth of four feet below ground surface (bgs). TRC completed oversight for the work and field screened the soil in each boring visually, olfactory, and for hydrocarbon vapors using a photoionization detector (PID). Each soil-filled liner was split open and the contents were field logged in accordance with the Unified Soil Classification System (USCS). Borings logs are included Attachment 1.

The soil core from each boring was divided into sample intervals (0 to 2 feet, and 2 to 4 feet bgs) and a portion of soil from each interval was placed in laboratory provided containers for analysis of polychlorinated biphenyls (PCBs). Each sample was identified with a "BP-" notation, followed by a location number and letter representing the depth of collection. Each sample with a "A" identifier represents a sample collected from the 0-2 ft bgs and a "B" identifier represents a sample collected from the 2-4-ft bgs interval.

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April 25, 2019
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Soil boring lithology showed the top 1 to 1.25 feet consists of asphalt underlain by base sand and gravel fill followed by 0.25 feet of black sand and gravel. The bottom 3 feet generally consisted of a combination of lean clay, fat clay, or a silty sand depending on the location. In one boring (GP-1) crushed concrete fill was noted at 1.5-1.75 feet bgs. No odors or visual evidence of contamination was observed in the soil from any of the six borings. PID readings ranged between less than one part per million (ppm) and 1.8 ppm. Following the installation of each boring, all loose cuttings were cleaned off the bike path, boreholes were abandoned with bentonite chips, and surface penetrations were repaired with asphalt. Bore hole abandonment forms are included in Attachment 1.

Each boring location was logged using a differential global positioning system (GPS) and the locations are shown on Figure 2.

Results

Overall six soil borings were installed, and two samples were collected from each boring and analyzed for PCBs using Environmental Protection Agency Method 8082. The laboratory analytical report is included in Attachment 2. All PCB Aroclors analyzed were reported below the method detection limit.

Investigative Derived Waste

An additional sample for waste characterization was collected from Boring BP-4 and an analysis for Protocol B, diesel range organics, and gasoline range organics was placed on hold pending the investigative sample results. Based on field screening and investigative results for PCBs, no additional analyses were completed. Investigative derived waste was containerized in a 5-gallon bucket and will be disposed of by Covanta Environmental Solutions with other waste from the site.

Conclusion/Recommendations

MKC has completed the soil investigation below the Capitol City Bike Path north of their site, as approved and requested by WDNR, and results indicate that no further action is required. Based on the reported analytical results, no excavation or remedial action is warranted prior to or as part of work being completed along the bike path by the City of Madison.

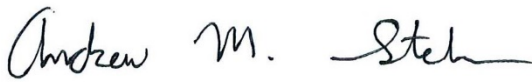


Mr. Mike Schmoller
Wisconsin Department of Natural Resources
April 25, 2019
Page 3

If you have questions or comments, please feel free to contact Andrew Stehn (608-826-3665) or Katherine Vater (608-826-3663).

Sincerely,

TRC



Andrew Stehn, P.E.
Senior Project Engineer



Katherine Vater, P.E.
Project Manger

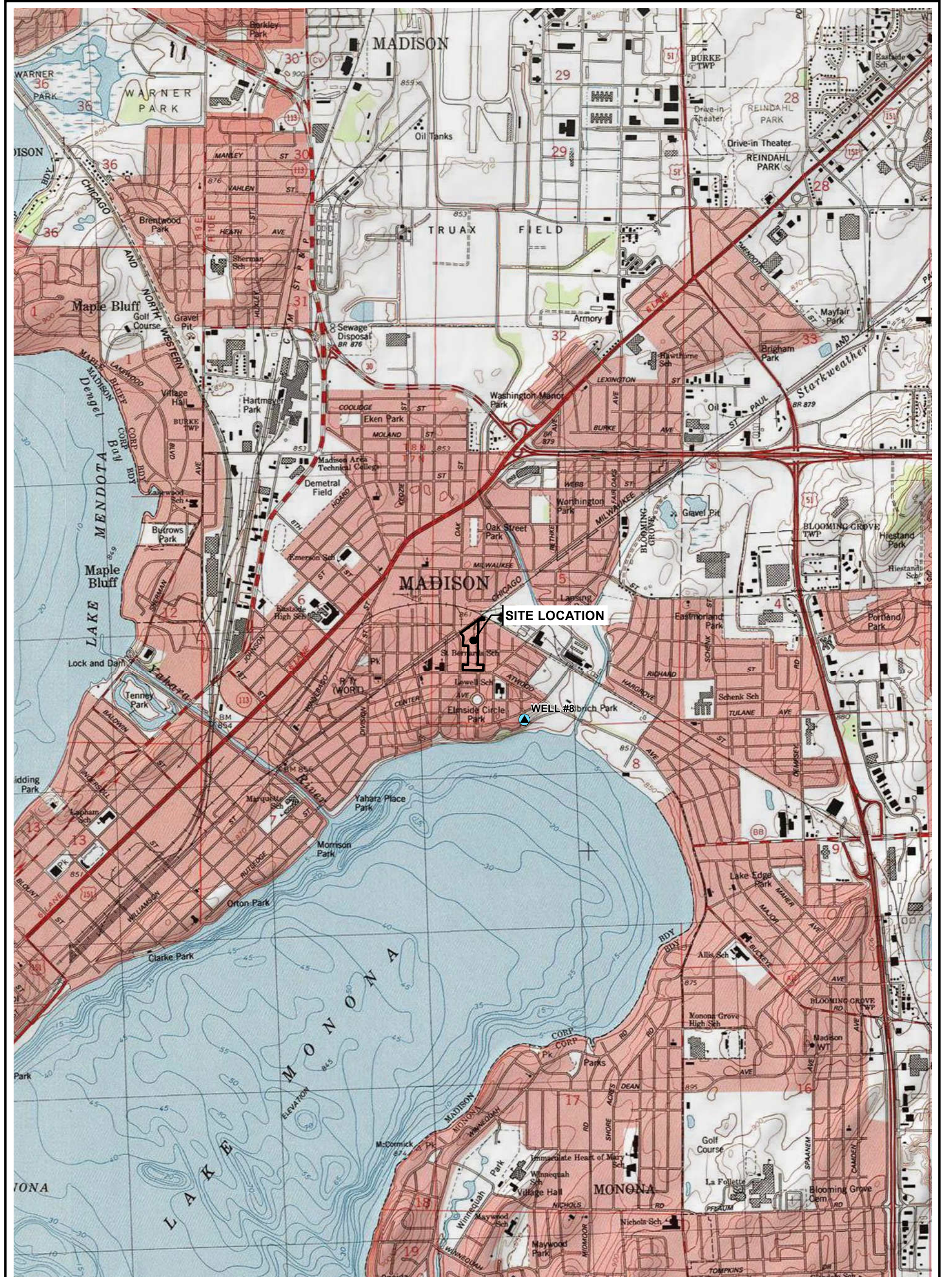
Attachments: Figures

Attachment 1 – Soil Boring Logs and Borehole Abandonment Forms

Attachment 2 – Laboratory Analytical Report



cc: Tony Koblinski and Mark Sheppard, Madison-Kipp Corporation (electronic)
Peter Ramanauskas and Michael Beedle, U.S. EPA (electronic)
Brynn Bemis, City of Madison Engineering Department (electronic)

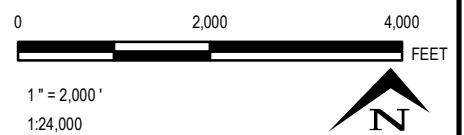




BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES, "USA TOPO MAPS" WEB BASEMAP SERVICE LAYER.

LEGEND

-  SITE PROPERTY BOUNDARY
-  MUNICIPAL SUPPLY WELL



708 Heartland Trail
 Suite 3000
 Madison, WI 53717
 Phone: 608.826.3600

PROJECT:

MADISON-KIPP CORPORATION
 201 WAUBESA STREET
 MADISON, WISCONSIN

TITLE:

SITE LOCATION MAP

DRAWN BY:	J. PAPEZ
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	MARCH 2019
PROJ. NO.:	323372-007
FILE:	323372-007-001slm.mxd

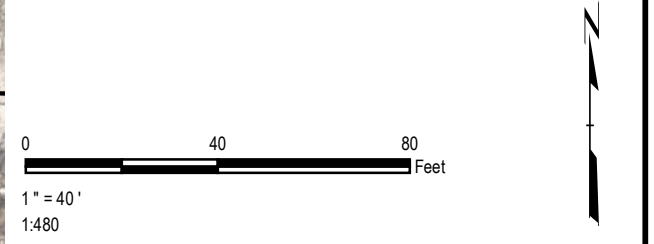
FIGURE 1



LEGEND

- SOIL BORING
- PARCEL BOUNDARY
- COMMUNICATION (FIBER OPTIC)
- GOODMAN COMMUNITY CENTER CAPPED AREA
- MKC (#02-13-576860) CAPPED AREA
- UTILITY BUFFER
- SOIL COVER
- PREVIOUS EXCAVATION AREA
- BIKE PATH

- NOTES**
1. BASE MAP IMAGERY FROM NEARMAP, 3/25/2018.
 2. PARCEL BOUNDARIES PROVIDED BY WISCONSIN STATE CARTOGRAPHER'S OFFICE, 2017.
 3. LEASE AREAS A AND B FROM CITY OF MADISON ENGINEERING DIVISION, EXHIBIT B, "MAP OF THE LEASED PREMISES", 2014.
 4. TRC INSTALLED SIX SOIL BORINGS TO A DEPTH OF FOUR FEET BELOW GROUND SURFACE ON APRIL 3, 2019.



PROJECT:		MADISON-KIPP CORPORATION 201 WAUBESA STREET MADISON, WISCONSIN	
TITLE:		SOIL BORING LOCATIONS APRIL 2019	
DRAWN BY:	J. PAPEZ	PROJ NO.:	323372
CHECKED BY:	A. STEHN	FIGURE 2	
APPROVED BY:	K. VATER		
DATE:	APRIL 2019		
		708 Heartland Trail Suite 3000 Madison, WI 53717 Phone: 608.826.3600	
FILE NO.:	323372-007-002a.mxd		






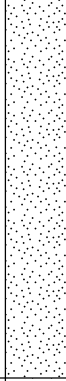
Attachment 1

Soil Boring Logs and Borehole Abandonment Forms

Soil Boring Logs

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-1	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400270 N, 2143852 E S/C/N		Lat 43° 5' 46.804"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 36.474"			
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 GP	48 42			ASPHALT				1.1							0-2 sampled @ 1005
			0.5	WELL GRADED SAND (SW) , few fine gravel, light brown (7.5 YR 6/2), dry, no odor, loose.	SW										
			1.0	WELL GRADED GRAVEL WITH SAND (GW) , fine to coarse grained, some fine to coarse grained sand, black (7.5 YR 2/1), dry, no odor, loose. Possible historic asphalt.	GW										
			1.5	WELL GRADED SAND WITH SILT AND GRAVEL (SW) , fine to coarse grained, some fine to coarse grained gravel, brown (7.5 YR 4/2) going to light brown (7.5YR 6/4), dry, no odor, loose.	SW										
			2.0	CONCRETE , crushed, gray (7.5YR 6/1), dry, no odor.											
			2.0	POORLY GRADED SILTY SAND (SM) , fine grained, some silt, dark brown (7.5 YR 3/2) going to brown (7.5YR 4/4), no odor, moist, soft.				1.2							2-4 sampled @ 1010
			3.0		SM										
			4.0	Boring terminated at 4 feet bgs (4/3/2019)											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Wesley J. Beazley</i>	Firm TRC Environmental 708 Heartland Trail, Suite 3000 Madison, WI 53717	Tel: 608.826.3600 Fax: 608.826.3941
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-2	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400327 N, 2143925 E S/C/N		Lat 43° 5' 47.361"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 35.486"		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	





Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 GP	48 48			ASPHALT				1.6						0-2 sampled @ 1020
			0.5	WELL GRADED SAND AND GRAVEL (SW), fine to coarse, some fine to coarse gravel, yellow (10 YR 7/6), dry, no odor, loose.	SW									
			1.0	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, some fine to coarse grained gravel, black (10 YR 2/1), dry, no odor, loose.	SW									
			1.5	LEAN CLAY (CL), some silt, medium plasticity, dark yellowish brown (10 YR 4/4 going to 10 YR 3/4), moist, no odor, stiff.	CL			1.0						2-4 sampled @ 1025
			4.0	Boring terminated at 4 feet bgs (4/3/2019)										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Wesley J. Beazley</i>	Firm TRC Environmental 708 Heartland Trail, Suite 3000 Madison, WI 53717	Tel: 608.826.3600 Fax: 608.826.3941
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-3	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400383 N, 2143999 E S/C/N		Lat 43° 5' 47.908"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 34.484"		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	





Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 GP	48 42			ASPHALT				1.4						0-2 sampled @ 1040
			0.5	WELL GRADED SAND AND GRAVEL (SW) , fine to coarse, some fine to coarse gravel, yellow (10 YR 7/6), dry, no odor, loose.	SW									
			1.0	WELL GRADED SAND WITH GRAVEL (SW) , fine to coarse grained, some fine to coarse grained gravel, black (10 YR 2/1), dry, no odor, loose.	SW									
			1.5	LEAN CLAY (CL) , some silt, medium plasticity, dark brown (10 YR 3/3) going to dark yellowish brown (10 YR 4/6) at 3 feet bgs, moist, no odor, stiff.	CL			0.7						2-4 sampled @ 1045
			4.0	Boring terminated at 4 feet bgs (4/3/2019)										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Wesley J. Beazley* Firm **TRC Environmental** Tel: 608.826.3600
708 Heartland Trail, Suite 3000 Madison, WI 53717 Fax: 608.826.3941

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400439 N, 2144073 E S/C/N		Lat 43° 5' 48.457"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 33.481"		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 GP	48 48			ASPHALT				1.2						0-2 sampled @ 1050
			0.5	WELL GRADED SAND AND GRAVEL (SW) , fine to coarse, some fine to coarse gravel, yellow (10 YR 7/6), dry, no odor, loose.	SW									
			1.0	WELL GRADED SAND WITH GRAVEL (SW) , fine to coarse grained, some fine to coarse grained gravel, black (10 YR 2/1), dry, no odor, loose.	SW									
			1.5	LEAN CLAY (CL) , some silt, medium plasticity, dark brown (10 YR 3/3) going to dark yellowish brown (10 YR 4/6) at 3 feet bgs, dry, no odor, stiff.				1.4						2-4 sampled @ 1055
			3.0	Lean clay, same as above, moist, no odor.										
			4.0	Boring terminated at 4 feet bgs (4/3/2019), collected Protocol B sample from 0-2 foot sample @ 1155.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Wesley J. Beazley</i>	Firm TRC Environmental 708 Heartland Trail, Suite 3000 Madison, WI 53717	Tel: 608.826.3600 Fax: 608.826.3941
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-5	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400496 N, 2144147 E S/C/N		Lat 43° 5' 49.013"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 32.479"		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	







Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 GP	48 48			ASPHALT				1.2							0-2 sampled @ 1110
			0.5	WELL GRADED SAND AND GRAVEL (SW) , fine to coarse, some fine to coarse gravel, yellow (10 YR 7/6), dry, no odor, loose.	SW										
			1.0	WELL GRADED SAND WITH GRAVEL (SW) , fine to coarse grained, some fine to coarse grained gravel, black (10 YR 2/1), dry, no odor, loose.	SW										
			1.5	LEAN CLAY (CL) , some silt, medium plasticity, brown (7.5 YR 4/3), dry, no odor, stiff.	CL										
			2.0	LEAN CLAY WITH SAND (CL) , some silt, fine sand, medium plasticity, brown (7.5 YR 4/4), moist, no odor, stiff.	CL			1.8							2-4 sampled @ 1115
			2.5												
			3.0												
			3.5	FAT CLAY (CH) , little silt, high plasticity, light brownish gray (10 YR 6/2), dry, no odor, stiff.	CH										
			4.0	Boring terminated at 4 feet bgs (4/3/2019)											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Wesley J. Beazer* Firm **TRC Environmental** Tel: 608.826.3600
708 Heartland Trail, Suite 3000 Madison, WI 53717 Fax: 608.826.3941

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Madison Kipp Corp		License/Permit/Monitoring Number 02-13-578014		Boring Number BP-6	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental		Date Drilling Started 4/3/2019		Date Drilling Completed 4/3/2019	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane 400545 N, 2144226 E S/C/N		Lat 43° 5' 49.487"		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 5, T 7 N, R 10 E		Long 89° 20' 31.407"			
Facility ID 113125320		County Dane		County Code 13	
				Civil Town/City/ or Village Madison	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 GP	48 48			ASPHALT				1.0						0-2 sampled @ 1125
			0.5	WELL GRADED SAND AND GRAVEL (SW) , fine to coarse, some fine to coarse gravel, yellow (10 YR 7/6), dry, no odor, loose.	SW									
			1.0	WELL GRADED SAND WITH GRAVEL (SW) , fine to coarse grained, some fine to coarse grained gravel, black (10 YR 2/1), dry, no odor, loose.	SW									
			1.5	LEAN CLAY (CL) , some silt, medium plasticity, brown (7.5 YR 4/3), dry, no odor, stiff.				1.1						2-4 sampled @ 1130
			3.0	LEAN CLAY WITH SAND (CL) , some silt, fine sand, medium plasticity, brown (10 YR 3/2), moist, no odor, stiff.	CL									
			3.5	FAT CLAY (CH) , little silt, high plasticity, dark yellowish brown (10 YR 3/2), dry, no odor, stiff.	CH									
			4.0	Boring terminated at 4 feet bgs (4/3/2019)										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Wesley J. Beazley</i>	Firm TRC Environmental 708 Heartland Trail, Suite 3000 Madison, WI 53717	Tel: 608.826.3600 Fax: 608.826.3941
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Borehole Abandonment

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to DNR Bureau: <input type="checkbox"/> Drinking Water <input type="checkbox"/> Watershed/Wastewater <input checked="" type="checkbox"/> Remediation/Redevelopment <input type="checkbox"/> Waste Management <input type="checkbox"/> Other
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1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-1)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09633 ° N -89.34347 ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 113125320	
¼ / ¼ NW or Gov't Lot #		¼ SW		Section 5		Township 7	
Well Street Address 201 Waubesa St		Well City, Village or Town Madison		Well ZIP Code 53704		License/Permit/Monitoring # 02-13-578014	
Subdivision Name		Lot #		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner Madison Kipp Corp.	
Reason For Removal From Service soil boring				WI Unique Well # of Replacement Well			
Well Street Address 201 Waubesa St				Present Well Owner Matt Sill			
Well City, Village or Town Madison				Mailing Address of Present Owner 201 Waubesa St			
Subdivision Name				City of Present Owner Madison		State WI	ZIP Code 53704

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 04/03/2019		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed?	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed?	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface?	
Total Well Depth From Ground Surface (ft)		Casing Diameter (in.)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours?	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Required Method of Placing Sealing Material		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
If yes, to what depth (feet)?				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Hole Plug	Surface	4.0	0.09 cubic feet	

6. Comments
BP-1

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing On-Site Environmental		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019	Date Received	Noted By
Street or Route PO Box 280		Telephone Number (608) 837-8992		Comments	
City Sun Prairie	State WI	ZIP Code 53590	Signature of Person Doing Work <i>Wesley J. Buaya</i>		Date Signed 4/16/18

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other

1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-2)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09649 ° N -89.34319 ° W				Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ NW		¼ SW		Section 5		Township 7	
or Gov't Lot #				Range 10		<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 201 Waubesa St				Present Well Owner Matt Sill			
Well City, Village or Town Madison				Well ZIP Code 53704			
Subdivision Name				Lot #		Mailing Address of Present Owner 201 Waubesa St	
Reason For Removal From Service soil boring				WI Unique Well # of Replacement Well			
				City of Present Owner Madison			
				State WI		ZIP Code 53704	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 04/03/2019		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Other (Specify)				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft)		Casing Diameter (in.)		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		Did material settle after 24 hours? If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				If bentonite chips were used, were they hydrated with water from a known safe source <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
If yes, to what depth (feet)?		Depth to Water (feet)		Required Method of Placing Sealing Material			
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Hole Plug	Surface	4.0	0.09 cubic feet	

6. Comments
BP-2

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing On-Site Environmental		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019	Date Received	Noted By
Street or Route PO Box 280			Telephone Number (608) 837-8992	Comments	
City Sun Prairie	State WI	ZIP Code 53590	Signature of Person Doing Work <i>Wesley J. Bryan HRC</i>	Date Signed 4/16/19	

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<input type="checkbox"/> Verification Only of Fill and Seal	Route to DNR Bureau:		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other	

1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-3)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09664 ° N -89.34291 ° W				Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ NW or Gov't Lot #		¼ SW		Section 5	Township 7	Range 10	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 201 Waubesa St				Present Well Owner Matt Sill			
Well City, Village or Town Madison				Well ZIP Code 53704			
Subdivision Name				Lot #		Mailing Address of Present Owner 201 Waubesa St	
Reason For Removal From Service soil boring				WI Unique Well # of Replacement Well			
City of Present Owner Madison				State WI		ZIP Code 53704	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 04/03/2019			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)		If a Well Construction Report is available, please attach.			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft)		Required Method of Placing Sealing Material			
Lower Drillhole Diameter (in.) 2.0		<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Other (Explain)			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Sealing Materials			
If yes, to what depth (feet)?		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Concrete			
Depth to Water (feet)		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Hole Plug	Surface	4.0	0.09 cubic feet	

6. Comments
BP-3

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing On-Site Environmental		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019	Date Received	Noted By
Street or Route PO Box 280			Telephone Number (608) 837-8992	Comments	
City Sun Prairie	State WI	ZIP Code 53590	Signature of Person Doing Work <i>Wesley J. Branga HRC</i>	Date Signed 4/16/19	

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Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-4)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09679 ° N -89.34263 ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) I13125320	
¼ / ¼ NW or Gov't Lot #		¼ SW		Section 5		Township 7	
Well Street Address 201 Waubesa St		Well City, Village or Town Madison		Well ZIP Code 53704		Original Well Owner Madison Kipp Corp.	
Reason For Removal From Service soil boring		WI Unique Well # of Replacement Well		Range 10		Present Well Owner Matt Sill	
				<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Mailing Address of Present Owner 201 Waubesa St	
Subdivision Name		Lot #		City of Present Owner Madison		State WI	
						ZIP Code 53704	
3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 04/03/2019		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Other (Specify)				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:		<input type="checkbox"/> Bedrock		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft)		Casing Diameter (in.)		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		Required Method of Placing Sealing Material		<input type="checkbox"/> Conductor Pipe-Gravity	
Was well annular space grouted?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Other (Explain)			
				Sealing Materials		<input type="checkbox"/> Neat Cement Grout	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:		<input type="checkbox"/> Concrete	
				<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	
5. Material Used to Fill Well / Drillhole				6. Comments			
				From (ft.)		To (ft.)	
				No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
3/8" Hole Plug				Surface		4.0	
				0.09 cubic feet			
BP-4							
7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing On-Site Environmental		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019		Date Received	
Street or Route PO Box 280		City Sun Prairie		Telephone Number (608) 837-8992		Noted By	
State WI		ZIP Code 53590		Signature of Person Doing Work <i>Wesley Brown</i>		Comments	
						Date Signed 4/16/19	

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Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-5)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09695 ° N -89.34236 ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 113125320	
¼ / ¼ NW		¼ SW		Section 5		Township 7	
or Gov't Lot #				Range 10		Original Well Owner Madison Kipp Corp.	
				<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner Matt Sill	
Well Street Address 201 Waubesa St				Mailing Address of Present Owner 201 Waubesa St			
Well City, Village or Town Madison				Well ZIP Code 53704			
Subdivision Name				Lot #		City of Present Owner Madison	
						State WI	
						ZIP Code 53704	
Reason For Removal From Service soil boring		WI Unique Well # of Replacement Well					
3. Filled & Sealed Well / Drillhole / Borehole Information							
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 04/03/2019					
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.					
<input checked="" type="checkbox"/> Borehole / Drillhole							
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____							
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock							
Total Well Depth From Ground Surface (ft)				Casing Diameter (in.)			
Lower Drillhole Diameter (in.) 2.0				Casing Depth (ft.)			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown							
If yes, to what depth (feet)?				Depth to Water (feet)			
4. Pump, Liner, Screen, Casing & Sealing Material							
Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A							
Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A							
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
If bentonite chips were used, were they hydrated with water from a known safe source <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							
Required Method of Placing Sealing Material							
<input type="checkbox"/> Conductor Pipe-Gravity				<input type="checkbox"/> Conductor Pipe-Pumped			
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)				<input type="checkbox"/> Other (Explain)			
Sealing Materials							
<input type="checkbox"/> Neat Cement Grout				<input type="checkbox"/> Concrete			
<input type="checkbox"/> Sand-Cement (Concrete) Grout				<input checked="" type="checkbox"/> Bentonite Chips			
For Monitoring Wells and Monitoring Well Boreholes Only:							
<input type="checkbox"/> Bentonite Chips				<input type="checkbox"/> Bentonite - Cement Grout			
<input type="checkbox"/> Granular Bentonite				<input type="checkbox"/> Bentonite - Sand Slurry			
5. Material Used to Fill Well / Drillhole							
		From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	
3/8" Hole Plug		Surface		4.0		0.09 cubic feet	
6. Comments							
BP-5							
7. Supervision of Work							
Name of Person or Firm Doing Filling & Sealing On-Site Environmental				License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019	
Street or Route PO Box 280				Telephone Number (608) 837-8992		Date Received	
City Sun Prairie				State WI		ZIP Code 53590	
				Signature of Person Doing Work <i>Wesley J. Brown</i> /TRC		Date Signed 4/16/19	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information				2. Facility / Owner Information			
County Dane		WI Unique Well # of Removed Well (BP-6)		Hicap #		Facility Name Madison Kipp Corp	
Latitude / Longitude (see instructions) 43.09708 ° N -89.34206 ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input checked="" type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 113125320	
¼ / ¼ NW or Gov't Lot #		Section 5		Township 7		License/Permit/Monitoring # 02-13-578014	
				Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner Madison Kipp Corp.	
Well Street Address 201 Waubesa St				Present Well Owner Matt Sill			
Well City, Village or Town Madison				Mailing Address of Present Owner 201 Waubesa St			
Subdivision Name				Well ZIP Code 53704		City of Present Owner Madison	
				Lot #		State WI	
						ZIP Code 53704	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service soil boring		WI Unique Well # of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 04/03/2019		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft)		Casing Diameter (in.)		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)?				Did material settle after 24 hours? If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				Required Method of Placing Sealing Material	
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Hole Plug	Surface	4.0	0.09 cubic feet	

6. Comments
BP-6

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing On-Site Environmental		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 04/03/2019	Date Received	Noted By
Street or Route PO Box 280		Telephone Number (608) 837-8992		Comments	
City Sun Prairie	State WI	ZIP Code 53590	Signature of Person Doing Work <i>Wesley J. ...</i>		Date Signed 4/16/19

Attachment 2
Laboratory Analytical Report

April 12, 2019

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: A191405 MADISON KIPP CORPORAT
Pace Project No.: 40185580

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on April 10, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Wes Braga, TRC
Peggy Popp, TRC - Madison
Katherine Vater, TRC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Green Bay Certification IDs

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40185580001	BP-1A	Solid	04/03/19 10:05	04/10/19 10:30
40185580002	BP-1B	Solid	04/03/19 10:10	04/10/19 10:30
40185580003	BP-2A	Solid	04/03/19 10:20	04/10/19 10:30
40185580004	BP-2B	Solid	04/03/19 10:25	04/10/19 10:30
40185580005	BP-3A	Solid	04/03/19 10:40	04/10/19 10:30
40185580006	BP-3B	Solid	04/03/19 10:45	04/10/19 10:30
40185580007	BP-4A	Solid	04/03/19 10:50	04/10/19 10:30
40185580008	BP-4B	Solid	04/03/19 10:55	04/10/19 10:30
40185580009	BP-5A	Solid	04/03/19 11:10	04/10/19 10:30
40185580010	BP-5B	Solid	04/03/19 11:15	04/10/19 10:30
40185580011	BP-6A	Solid	04/03/19 11:25	04/10/19 10:30
40185580012	BP-6B	Solid	04/03/19 11:30	04/10/19 10:30

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SAMPLE ANALYTE COUNT

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40185580001	BP-1A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580002	BP-1B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580003	BP-2A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580004	BP-2B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580005	BP-3A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580006	BP-3B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580007	BP-4A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580008	BP-4B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580009	BP-5A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580010	BP-5B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580011	BP-6A	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1
40185580012	BP-6B	EPA 8082A	BLM	12
		ASTM D2974-87	JAK	1

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SUMMARY OF DETECTION

Project: A191405 MADISON KIPP CORPORAT
Pace Project No.: 40185580

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40185580001	BP-1A					
ASTM D2974-87	Percent Moisture	20.6	%	0.10	04/10/19 19:30	
40185580002	BP-1B					
ASTM D2974-87	Percent Moisture	18.6	%	0.10	04/10/19 19:30	
40185580003	BP-2A					
ASTM D2974-87	Percent Moisture	17.6	%	0.10	04/10/19 19:30	
40185580004	BP-2B					
ASTM D2974-87	Percent Moisture	19.4	%	0.10	04/10/19 19:30	
40185580005	BP-3A					
ASTM D2974-87	Percent Moisture	19.4	%	0.10	04/10/19 19:30	
40185580006	BP-3B					
ASTM D2974-87	Percent Moisture	25.1	%	0.10	04/10/19 19:30	
40185580007	BP-4A					
ASTM D2974-87	Percent Moisture	26.2	%	0.10	04/10/19 19:30	
40185580008	BP-4B					
ASTM D2974-87	Percent Moisture	23.3	%	0.10	04/10/19 19:30	
40185580009	BP-5A					
ASTM D2974-87	Percent Moisture	23.6	%	0.10	04/10/19 19:30	
40185580010	BP-5B					
ASTM D2974-87	Percent Moisture	30.5	%	0.10	04/10/19 19:30	
40185580011	BP-6A					
ASTM D2974-87	Percent Moisture	19.4	%	0.10	04/10/19 19:31	
40185580012	BP-6B					
ASTM D2974-87	Percent Moisture	25.4	%	0.10	04/10/19 19:31	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: A191405 MADISON KIPP CORPORAT
Pace Project No.: 40185580

Method: EPA 8082A
Description: 8082A GCS PCB
Client: TRC - MADISON
Date: April 12, 2019

General Information:

12 samples were analyzed for EPA 8082A. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-1A **Lab ID: 40185580001** Collected: 04/03/19 10:05 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	12674-11-2	
PCB-1221 (Aroclor 1221)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	11104-28-2	
PCB-1232 (Aroclor 1232)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	11141-16-5	
PCB-1242 (Aroclor 1242)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	53469-21-9	
PCB-1248 (Aroclor 1248)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	12672-29-6	
PCB-1254 (Aroclor 1254)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	11097-69-1	
PCB-1260 (Aroclor 1260)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	11096-82-5	
PCB-1262 (Aroclor 1262)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	37324-23-5	
PCB-1268 (Aroclor 1268)	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	11100-14-4	
PCB, Total	<31.4	ug/kg	62.9	31.4	1	04/11/19 08:14	04/11/19 18:09	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	79	%	57-115		1	04/11/19 08:14	04/11/19 18:09	877-09-8	
Decachlorobiphenyl (S)	84	%	47-97		1	04/11/19 08:14	04/11/19 18:09	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	20.6	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-1B **Lab ID: 40185580002** Collected: 04/03/19 10:10 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	12674-11-2	
PCB-1221 (Aroclor 1221)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	11104-28-2	
PCB-1232 (Aroclor 1232)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	11141-16-5	
PCB-1242 (Aroclor 1242)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	53469-21-9	
PCB-1248 (Aroclor 1248)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	12672-29-6	
PCB-1254 (Aroclor 1254)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	11097-69-1	
PCB-1260 (Aroclor 1260)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	11096-82-5	
PCB-1262 (Aroclor 1262)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	37324-23-5	
PCB-1268 (Aroclor 1268)	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	11100-14-4	
PCB, Total	<30.7	ug/kg	61.5	30.7	1	04/11/19 08:14	04/11/19 18:27	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	78	%	57-115		1	04/11/19 08:14	04/11/19 18:27	877-09-8	
Decachlorobiphenyl (S)	85	%	47-97		1	04/11/19 08:14	04/11/19 18:27	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	18.6	%	0.10	0.10	1		04/10/19 19:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-2A **Lab ID: 40185580003** Collected: 04/03/19 10:20 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	12674-11-2	
PCB-1221 (Aroclor 1221)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	11104-28-2	
PCB-1232 (Aroclor 1232)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	11141-16-5	
PCB-1242 (Aroclor 1242)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	53469-21-9	
PCB-1248 (Aroclor 1248)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	12672-29-6	
PCB-1254 (Aroclor 1254)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	11097-69-1	
PCB-1260 (Aroclor 1260)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	11096-82-5	
PCB-1262 (Aroclor 1262)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	37324-23-5	
PCB-1268 (Aroclor 1268)	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	11100-14-4	
PCB, Total	<30.4	ug/kg	60.7	30.4	1	04/11/19 08:14	04/11/19 18:45	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	76	%	57-115		1	04/11/19 08:14	04/11/19 18:45	877-09-8	
Decachlorobiphenyl (S)	83	%	47-97		1	04/11/19 08:14	04/11/19 18:45	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	17.6	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-2B **Lab ID: 40185580004** Collected: 04/03/19 10:25 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	12674-11-2	
PCB-1221 (Aroclor 1221)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	11104-28-2	
PCB-1232 (Aroclor 1232)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	11141-16-5	
PCB-1242 (Aroclor 1242)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	53469-21-9	
PCB-1248 (Aroclor 1248)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	12672-29-6	
PCB-1254 (Aroclor 1254)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	11097-69-1	
PCB-1260 (Aroclor 1260)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	11096-82-5	
PCB-1262 (Aroclor 1262)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	37324-23-5	
PCB-1268 (Aroclor 1268)	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	11100-14-4	
PCB, Total	<31.1	ug/kg	62.2	31.1	1	04/11/19 08:14	04/11/19 19:03	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	57-115		1	04/11/19 08:14	04/11/19 19:03	877-09-8	
Decachlorobiphenyl (S)	82	%	47-97		1	04/11/19 08:14	04/11/19 19:03	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.4	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-3A **Lab ID: 40185580005** Collected: 04/03/19 10:40 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	12674-11-2	
PCB-1221 (Aroclor 1221)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	11104-28-2	
PCB-1232 (Aroclor 1232)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	11141-16-5	
PCB-1242 (Aroclor 1242)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	53469-21-9	
PCB-1248 (Aroclor 1248)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	12672-29-6	
PCB-1254 (Aroclor 1254)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	11097-69-1	
PCB-1260 (Aroclor 1260)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	11096-82-5	
PCB-1262 (Aroclor 1262)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	37324-23-5	
PCB-1268 (Aroclor 1268)	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	11100-14-4	
PCB, Total	<31.0	ug/kg	62.0	31.0	1	04/11/19 08:14	04/11/19 19:22	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	83	%	57-115		1	04/11/19 08:14	04/11/19 19:22	877-09-8	
Decachlorobiphenyl (S)	88	%	47-97		1	04/11/19 08:14	04/11/19 19:22	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.4	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-3B **Lab ID: 40185580006** Collected: 04/03/19 10:45 Received: 04/10/19 10:30 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							
PCB-1016 (Aroclor 1016)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	12674-11-2	
PCB-1221 (Aroclor 1221)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	11104-28-2	
PCB-1232 (Aroclor 1232)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	11141-16-5	
PCB-1242 (Aroclor 1242)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	53469-21-9	
PCB-1248 (Aroclor 1248)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	12672-29-6	
PCB-1254 (Aroclor 1254)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	11097-69-1	
PCB-1260 (Aroclor 1260)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	11096-82-5	
PCB-1262 (Aroclor 1262)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	37324-23-5	
PCB-1268 (Aroclor 1268)	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	11100-14-4	
PCB, Total	<33.3	ug/kg	66.7	33.3	1	04/11/19 08:14	04/11/19 19:40	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	79	%	57-115		1	04/11/19 08:14	04/11/19 19:40	877-09-8	
Decachlorobiphenyl (S)	85	%	47-97		1	04/11/19 08:14	04/11/19 19:40	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.1	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-4A **Lab ID: 40185580007** Collected: 04/03/19 10:50 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	12674-11-2	
PCB-1221 (Aroclor 1221)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	11104-28-2	
PCB-1232 (Aroclor 1232)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	11141-16-5	
PCB-1242 (Aroclor 1242)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	53469-21-9	
PCB-1248 (Aroclor 1248)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	12672-29-6	
PCB-1254 (Aroclor 1254)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	11097-69-1	
PCB-1260 (Aroclor 1260)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	11096-82-5	
PCB-1262 (Aroclor 1262)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	37324-23-5	
PCB-1268 (Aroclor 1268)	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	11100-14-4	
PCB, Total	<33.8	ug/kg	67.6	33.8	1	04/11/19 08:14	04/11/19 19:58	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	73	%	57-115		1	04/11/19 08:14	04/11/19 19:58	877-09-8	
Decachlorobiphenyl (S)	79	%	47-97		1	04/11/19 08:14	04/11/19 19:58	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	26.2	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-4B **Lab ID: 40185580008** Collected: 04/03/19 10:55 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	12674-11-2	
PCB-1221 (Aroclor 1221)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	11104-28-2	
PCB-1232 (Aroclor 1232)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	11141-16-5	
PCB-1242 (Aroclor 1242)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	53469-21-9	
PCB-1248 (Aroclor 1248)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	12672-29-6	
PCB-1254 (Aroclor 1254)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	11097-69-1	
PCB-1260 (Aroclor 1260)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	11096-82-5	
PCB-1262 (Aroclor 1262)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	37324-23-5	
PCB-1268 (Aroclor 1268)	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	11100-14-4	
PCB, Total	<32.6	ug/kg	65.2	32.6	1	04/11/19 08:14	04/11/19 20:16	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	76	%	57-115		1	04/11/19 08:14	04/11/19 20:16	877-09-8	
Decachlorobiphenyl (S)	82	%	47-97		1	04/11/19 08:14	04/11/19 20:16	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	23.3	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-5A **Lab ID: 40185580009** Collected: 04/03/19 11:10 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	12674-11-2	
PCB-1221 (Aroclor 1221)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	11104-28-2	
PCB-1232 (Aroclor 1232)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	11141-16-5	
PCB-1242 (Aroclor 1242)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	53469-21-9	
PCB-1248 (Aroclor 1248)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	12672-29-6	
PCB-1254 (Aroclor 1254)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	11097-69-1	
PCB-1260 (Aroclor 1260)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	11096-82-5	
PCB-1262 (Aroclor 1262)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	37324-23-5	
PCB-1268 (Aroclor 1268)	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	11100-14-4	
PCB, Total	<32.8	ug/kg	65.5	32.8	1	04/11/19 08:14	04/12/19 11:55	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	57-115		1	04/11/19 08:14	04/12/19 11:55	877-09-8	
Decachlorobiphenyl (S)	82	%	47-97		1	04/11/19 08:14	04/12/19 11:55	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	23.6	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-5B **Lab ID: 40185580010** Collected: 04/03/19 11:15 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	12674-11-2	
PCB-1221 (Aroclor 1221)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	11104-28-2	
PCB-1232 (Aroclor 1232)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	11141-16-5	
PCB-1242 (Aroclor 1242)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	53469-21-9	
PCB-1248 (Aroclor 1248)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	12672-29-6	
PCB-1254 (Aroclor 1254)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	11097-69-1	
PCB-1260 (Aroclor 1260)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	11096-82-5	
PCB-1262 (Aroclor 1262)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	37324-23-5	
PCB-1268 (Aroclor 1268)	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	11100-14-4	
PCB, Total	<36.0	ug/kg	72.1	36.0	1	04/11/19 08:14	04/12/19 12:13	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	57-115		1	04/11/19 08:14	04/12/19 12:13	877-09-8	
Decachlorobiphenyl (S)	77	%	47-97		1	04/11/19 08:14	04/12/19 12:13	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	30.5	%	0.10	0.10	1		04/10/19 19:30		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT
Pace Project No.: 40185580

Sample: BP-6A **Lab ID: 40185580011** Collected: 04/03/19 11:25 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	12674-11-2	
PCB-1221 (Aroclor 1221)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	11104-28-2	
PCB-1232 (Aroclor 1232)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	11141-16-5	
PCB-1242 (Aroclor 1242)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	53469-21-9	
PCB-1248 (Aroclor 1248)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	12672-29-6	
PCB-1254 (Aroclor 1254)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	11097-69-1	
PCB-1260 (Aroclor 1260)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	11096-82-5	
PCB-1262 (Aroclor 1262)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	37324-23-5	
PCB-1268 (Aroclor 1268)	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	11100-14-4	
PCB, Total	<31.0	ug/kg	62.1	31.0	1	04/11/19 08:14	04/12/19 12:31	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	57-115		1	04/11/19 08:14	04/12/19 12:31	877-09-8	
Decachlorobiphenyl (S)	78	%	47-97		1	04/11/19 08:14	04/12/19 12:31	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.4	%	0.10	0.10	1		04/10/19 19:31		

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ANALYTICAL RESULTS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Sample: BP-6B **Lab ID: 40185580012** Collected: 04/03/19 11:30 Received: 04/10/19 10:30 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									
PCB-1016 (Aroclor 1016)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	12674-11-2	
PCB-1221 (Aroclor 1221)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	11104-28-2	
PCB-1232 (Aroclor 1232)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	11141-16-5	
PCB-1242 (Aroclor 1242)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	53469-21-9	
PCB-1248 (Aroclor 1248)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	12672-29-6	
PCB-1254 (Aroclor 1254)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	11097-69-1	
PCB-1260 (Aroclor 1260)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	11096-82-5	
PCB-1262 (Aroclor 1262)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	37324-23-5	
PCB-1268 (Aroclor 1268)	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	11100-14-4	
PCB, Total	<33.6	ug/kg	67.1	33.6	1	04/11/19 08:14	04/12/19 13:37	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	57-115		1	04/11/19 08:14	04/12/19 13:37	877-09-8	
Decachlorobiphenyl (S)	79	%	47-97		1	04/11/19 08:14	04/12/19 13:37	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	25.4	%	0.10	0.10	1		04/10/19 19:31		

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QUALITY CONTROL DATA

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

QC Batch: 318008 Analysis Method: EPA 8082A
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 40185580001, 40185580002, 40185580003, 40185580004, 40185580005, 40185580006, 40185580007, 40185580008, 40185580009, 40185580010, 40185580011, 40185580012

METHOD BLANK: 1848861 Matrix: Solid
Associated Lab Samples: 40185580001, 40185580002, 40185580003, 40185580004, 40185580005, 40185580006, 40185580007, 40185580008, 40185580009, 40185580010, 40185580011, 40185580012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1262 (Aroclor 1262)	ug/kg	<25.0	50.0	04/11/19 16:56	
PCB-1268 (Aroclor 1268)	ug/kg	<25.0	50.0	04/11/19 16:56	
Decachlorobiphenyl (S)	%	82	47-97	04/11/19 16:56	
Tetrachloro-m-xylene (S)	%	75	57-115	04/11/19 16:56	

LABORATORY CONTROL SAMPLE: 1848862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	410	82	64-115	
PCB-1262 (Aroclor 1262)	ug/kg		<25.0			
PCB-1268 (Aroclor 1268)	ug/kg		<25.0			
Decachlorobiphenyl (S)	%			86	47-97	
Tetrachloro-m-xylene (S)	%			80	57-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1848863 1848864

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40185580001	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<31.4			<31.5	<31.4					20
PCB-1221 (Aroclor 1221)	ug/kg	<31.4			<31.5	<31.4					20
PCB-1232 (Aroclor 1232)	ug/kg	<31.4			<31.5	<31.4					20
PCB-1242 (Aroclor 1242)	ug/kg	<31.4			<31.5	<31.4					20
PCB-1248 (Aroclor 1248)	ug/kg	<31.4			<31.5	<31.4					20
PCB-1254 (Aroclor 1254)	ug/kg	<31.4			<31.5	<31.4					20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1848863		1848864		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40185580001 Result	MS Spike Conc.	MSD Spike Conc.									
PCB-1260 (Aroclor 1260)	ug/kg	<31.4	629	628	516	489	82	78	49-115	5	20		
PCB-1262 (Aroclor 1262)	ug/kg	<31.4			<31.5	<31.4						20	
PCB-1268 (Aroclor 1268)	ug/kg	<31.4			<31.5	<31.4						20	
Decachlorobiphenyl (S)	%						86	83	47-97				
Tetrachloro-m-xylene (S)	%						81	76	57-115				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

QC Batch: 317991

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40185580001, 40185580002, 40185580003, 40185580004, 40185580005, 40185580006, 40185580007, 40185580008, 40185580009, 40185580010, 40185580011, 40185580012

SAMPLE DUPLICATE: 1848813

Parameter	Units	40185530001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.0	5.2	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

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 - Estimated concentration at or above the LOD and below the LOQ.

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.

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 - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: A191405 MADISON KIPP CORPORAT

Pace Project No.: 40185580

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40185580001	BP-1A	EPA 3541	318008	EPA 8082A	318012
40185580002	BP-1B	EPA 3541	318008	EPA 8082A	318012
40185580003	BP-2A	EPA 3541	318008	EPA 8082A	318012
40185580004	BP-2B	EPA 3541	318008	EPA 8082A	318012
40185580005	BP-3A	EPA 3541	318008	EPA 8082A	318012
40185580006	BP-3B	EPA 3541	318008	EPA 8082A	318012
40185580007	BP-4A	EPA 3541	318008	EPA 8082A	318012
40185580008	BP-4B	EPA 3541	318008	EPA 8082A	318012
40185580009	BP-5A	EPA 3541	318008	EPA 8082A	318012
40185580010	BP-5B	EPA 3541	318008	EPA 8082A	318012
40185580011	BP-6A	EPA 3541	318008	EPA 8082A	318012
40185580012	BP-6B	EPA 3541	318008	EPA 8082A	318012
40185580001	BP-1A	ASTM D2974-87	317991		
40185580002	BP-1B	ASTM D2974-87	317991		
40185580003	BP-2A	ASTM D2974-87	317991		
40185580004	BP-2B	ASTM D2974-87	317991		
40185580005	BP-3A	ASTM D2974-87	317991		
40185580006	BP-3B	ASTM D2974-87	317991		
40185580007	BP-4A	ASTM D2974-87	317991		
40185580008	BP-4B	ASTM D2974-87	317991		
40185580009	BP-5A	ASTM D2974-87	317991		
40185580010	BP-5B	ASTM D2974-87	317991		
40185580011	BP-6A	ASTM D2974-87	317991		
40185580012	BP-6B	ASTM D2974-87	317991		

REPORT OF LABORATORY ANALYSIS

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SUBCONTRACT ORDER
Pace Analytical - Madison
A191405

JK

40185580
50221365

SENDING LABORATORY:

Pace Analytical - Madison
2525 Advance Road
Madison, WI 53718
Phone: 608.221.8700
Fax: 608,221,4889
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical - Indy
7726 Moller Road
Indianapolis, IN 46268
Phone :(317) 228-3118
Fax: -

Turn around Time: Normal 4/17/19
 Rush

Project Name: Madison Kipp Corporation

Lab ID	Soil	Sampled	Laboratory ID	Comments
A191405-01	Soil	04/03/2019 10:05	001	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03 4oz WM Amber Glass				
A191405-02	Soil	04/03/2019 10:10	002	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03 4oz WM Amber Glass				
A191405-03	Soil	04/03/2019 10:20	003	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03 4oz WM Amber Glass				
A191405-04	Soil	04/03/2019 10:25	004	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03 4oz WM Amber Glass				
A191405-05	Soil	04/03/2019 10:40	005	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03 4oz WM Amber Glass				

Released By: Kari-An Hill Date: 4/13/19 1600
 Received By: Fedex Date: 4-4-19 900
 Released By: Fedex Date: 4-4-19 900
 Received By: [Signature] Date: 4-4-19 900
 Released By: FedEx Date: 4-10-19 1030
 Received By: Susannah Wyle Date: 4-10-19 1030

40185580



SUBCONTRACT ORDER
Pace Analytical - Madison
A191405

40185590
50221365

Lab ID	Soil	Sampled	Laboratory ID	Comments
A191405-06	Soil	04/03/2019 10:45	006	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-07	Soil	04/03/2019 10:50	007	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-08	Soil	04/03/2019 10:55	008	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-09	Soil	04/03/2019 11:10	009	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-10	Soil	04/03/2019 11:15	010	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-11	Soil	04/03/2019 11:25	011	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				
A191405-12	Soil	04/03/2019 11:30	012	report to MDL - plus 2 extra compounds
8082 PCBs				
Containers Supplied: 03_4oz WM Amber Glass				

Released By: *Kari Ann Hill* Date: *4/3/19 1600*
 Received By: *Fedex* Date: _____
 Released By: *Fedex* Date: *4-4-19 900*
 Received By: *[Signature]* Date: *4-4-19 900* *1.1°C*
 Released By: *Fed Ex* Date: *4-10-19 1030*
 Received By: *[Signature]* Date: *4-10-19 1030*

40185590

40185580

SAMPLE CONDITION UPON RECEIPT FORM



Project #: 50221305

Date/Time and Initials of person examining contents: KS 4-4-19 1313

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 4542 1025 2022

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer: 1 2 3 4 5 6 A B C D E F Ice Type: Wet Blue None | Samples collected today and on ice: Yes No N/A

Cooler Temperature: 1.2 | 1.1 Ice Visible in Sample Containers?: Yes No N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified?: Yes No N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		/	All containers needing acid/base pres. Have been checked? exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl. All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		/				
Chain of Custody Present:	/		Dissolved Metals field filtered?:			/
Chain of Custody Filled Out:	/		Headspace Wisconsin Sulfide			/
Short Hold Time Analysis (<72hr)?: Analysis:		/	Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)	Present	Absent	N/A
Time 5035A TC placed in Freezer or Short Holds To Lab:				Headspace in VOA Vials (>6mm):		
Rush TAT Requested:		/	Trip Blank Present?:			/
Containers Intact?:	/		Trip Blank Custody Seals?:		/	
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	/				/	

Comments:

Sample Container Count

40185580

CLIENT: Pace Madison

COC PAGE 1 of 2

COC ID# _____

Project # 50221305

Sample Line Item	DG9H VG9H	AG0U	AG1H	AG1U	AG2U	AG3S	WGFU	SP5T	BP1U	BP2N	BP2S	BP2U	BP3B	BP3N	BP3S	BP3U	R	SBS DI Kit	Matrix SIM/VAL (Soil/Water/Non- Aqueous Liquid)					
																			pH <2	pH >9	pH >1			
1							↓													56				
2							↓														↓			
3							↓																	
4							↓																	
5							↓																	
6							↓																	
7							↓																	
8							↓																	
9							↓																	
10							↓																	
11							↓																	
12							↓																	

Container Codes

Glass				Plastic / Misc.			
DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpreserved amber glass	BP1A	1 liter NaOH, Asc Acid plastic	BP3U	250mL unpreserved plastic
DG9H	40mL HCL amber vial	AG1H	1 liter HCL amber glass	BP1N	1 liter HNO3 plastic	BP3Z	250mL NaOH, Zn Ac plastic
DG9M	40mL MeOH clear vial	AG1S	1 liter H2SO4 amber glass	BP1S	1 liter H2SO4 plastic		
DG9P	40mL TSP amber vial	AG1T	1 liter Na Thiosulfate amber glass	BP1U	1 liter unpreserved plastic	AF	Air Filter
DG9S	40mL H2SO4 amber vial	AG1U	1 liter unpreserved amber glass	BP1Z	1 liter NaOH, Zn, Ac	C	Air Cassettes
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	R	Terra core kit
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass	BP2N	500mL HNO3 plastic	SP5T	120mL Coliform Na Thiosulfate
VG9H	40mL HCL clear vial	AG2U	500mL unpreserved amber glass	BP2O	500mL NaOH plastic	U	Summa Can
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 glass amber	BP2S	500mL H2SO4 plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG3U	250mL unpreserved amber glass	BP2U	500mL unpreserved plastic		
VGFX	40mL w/hexane wipe vial	BG1H	1 liter HCL clear glass	BP2Z	500mL NaOH, Zn Ac		
VSG	Headspace septa vial & HCL	BG1S	1 liter H2SO4 clear glass	BP3B	250mL NaOH plastic		
WGKU	8oz unpreserved clear jar	BG1T	1 liter Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic		
WGFU	4oz clear soil jar	BG1U	1 liter unpreserved glass	BP3S	250mL H2SO4 plastic		
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass				
		BG3U	250mL Unpreserved Clear Glass				

Sample Container Count

40185580

WO#: 50221365

CLIENT: Pac Madison

COC PAGE 2 of 2

COC ID# _____

Project # 50221365

Bulk
SBS
K

Sample Line Item	DG9H VG9H	AG0U	AG1H	AG1U	AG2U	AG3S	WGFU	SP5T	BP1U	BP2N	BP2S	BP2U	BP3B	BP3N	BP3S	BP3U	R	Matrix (Soil)	Aqueo	pH <2	pH >9	pH >12	
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

Container Codes

Glass				Plastic / Misc.			
DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpreserved amber glass	BP1A	1 liter NaOH, Asc Acid plastic	BP3U	250mL unpreserved plastic
DG9H	40mL HCL amber vial	AG1H	1 liter HCL amber glass	BP1N	1 liter HNO3 plastic	BP3Z	250mL NaOH, Zn Ac plastic
DG9M	40mL MeOH clear vial	AG1S	1 liter H2SO4 amber glass	BP1S	1 liter H2SO4 plastic		
DG9P	40mL TSP amber vial	AG1T	1 liter Na Thiosulfate amber glass	BP1U	1 liter unpreserved plastic	AF	Air Filter
DG9S	40mL H2SO4 amber vial	AG1U	1 liter unpreserved amber glass	BP1Z	1 liter NaOH, Zn, Ac	C	Air Cassettes
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	R	Terra core kit
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass	BP2N	500mL HNO3 plastic	SP5T	120mL Coliform Na Thiosulfate
VG9H	40mL HCL clear vial	AG2U	500mL unpreserved amber glass	BP2O	500mL NaOH plastic	U	Summa Can
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 glass amber	BP2S	500mL H2SO4 plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG3U	250mL unpreserved amber glass	BP2U	500mL unpreserved plastic		
VGFX	40mL w/hexane wipe vial	BG1H	1 liter HCL clear glass	BP2Z	500mL NaOH, Zn Ac		
VSG	Headspace septa vial & HCL	BG1S	1 liter H2SO4 clear glass	BP3B	250mL NaOH plastic		
WGKU	8oz unpreserved clear jar	BG1T	1 liter Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic		
WGFU	4oz clear soil jar	BG1U	1 liter unpreserved glass	BP3S	250mL H2SO4 plastic		
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass				
		BG3U	250mL Unpreserved Clear Glass				

Client Name: Pace Madison Project # 40185580

Sample Preservation Receipt Form

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:

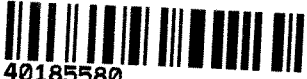
Pace Lab #	Glass							Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)								
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN					
001																																						2.5 / 5 / 10
002																																						2.5 / 5 / 10
003																																						2.5 / 5 / 10
004																																						2.5 / 5 / 10
005																																						2.5 / 5 / 10
006																																						2.5 / 5 / 10
007																																						2.5 / 5 / 10
008																																						2.5 / 5 / 10
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013																																						2.5 / 5 / 10
014																																						2.5 / 5 / 10
015																																						2.5 / 5 / 10
016																																						2.5 / 5 / 10
017																																						2.5 / 5 / 10
018																																						2.5 / 5 / 10
019																																						2.5 / 5 / 10
020																																						2.5 / 5 / 10

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	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Pace, Madison

Project #: **WO#: 40185580**

40185580

Courier: CS Logistics Fed-Ex Speedee UPS Walco
 Client Pace Other: _____

Tracking #: 489 3020 26198

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 - 9 Type of Ice: Wet Blue Dry None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4 /ICorr: 4.5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
Date: 4-10-19
Initials: [Signature]

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>Sub Work</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
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:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
-Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>Pace, IN covered Pace, Madison and original client IIS.</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: Shipped from Pace, IN 4-10-19 [Signature]
If checked, see attached form for additional comments

Project Manager Review: RMP fcc TW Date: 09/10/19