Final Report

Sediment Sampling From the Kinnickinnic River, Milwaukee, Wisconsin

March 2003

Prepared for: US Army Corps of Engineers
Detroit District
DACW35-01-D-0006
Delivery Order Number: 0016

Prepared by:

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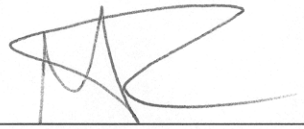
Statement of Independent Technical Review (ITR)

COMPLETION OF INDEPENDENT TECHNICAL REVIEW

Altech has completed the Sediment Sampling in the Kinnickinnic River, Milwaukee, Wisconsin. Notice is hereby given that an independent technical review has been conducted that is appropriate to the level of risk and complexity inherent in the project, as defined in the Quality Control Plan. During the independent technical review, compliance with established policy principles and procedures, utilizing justified and valid assumptions, was verified. This included review of assumptions; methods, procedures, and material used in analyses; alternatives evaluated; the appropriateness of data used and level of data obtained; and reasonableness of the results, including whether the product meets the customer's needs consistent with law and existing Corps policy.

(Signature) 10/24/02 (Date)

Ian Kerr
Prepared by



(Signature) 10/24/02 (Date)

Mark Cruickshank
Independent Technical Review

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1.0 Introduction

The United States Army Corps of Engineers, Detroit District (USACE) retained Altech Environmental Services, Inc. (Altech) as an A/E Contractor to provide and oversee sediment sampling services at designated sampling stations in the Kinnickinnic River, Milwaukee, Wisconsin. The purpose of the project was to characterize and delineate sediment contamination in a 1,700-foot stretch of the Kinnickinnic River immediately upstream of the Federal Navigational Channel. Data from this investigation is to be jointly used by the United States Environmental Protection Agency-Great Lakes National Program Office (USEPA-GLNPO), The United States Army Corps of Engineers-Detroit District (USACE) and the Wisconsin Department of Natural Resources (WDNR). Drilling and sampling services, including sediment logging, as well as geotechnical analysis of sediments were provided by Coleman Engineering Company (Coleman) of Iron Mountain, Michigan and chemical analytical services were provided by Trace Analytical Laboratories (Trace) of Muskegon, Michigan.

The Kinnickinnic River flows into Milwaukee Harbor, Lake Michigan through heavily industrialized Milwaukee, Wisconsin. A total of 107 sediment samples for chemical and geotechnical analyses were collected from sixteen locations in accordance with the USACE provided Scope of Work (SOW) and Quality Assurance Project Plan (QAPP). Borings were emplaced at fourteen locations identified as KK0201 through KK0214 distributed between the East Becher Street Bridge and the First Street Bridge. Grab samples were collected from two locations, identified as KK02US1 and KK02US2. The locations were placed approximately 300 and 500 feet upstream of the East Becher Street Bridge.

Sampling services were performed from Monday, September 9, 2002 through Thursday, September 12, 2002. The sampling crew consisted of a three-person crew provided by Coleman Engineering (led by Scott Strigel) and Altech representative Ian Kerr. Oversight and assistance with sampling was provided by representatives of the WDNR (led by Xiaochun Zhang). USACE Project Coordinator Alan Mozol and GLNPO Project Manager Demaree Collier were present on Tuesday September 10th.

Sampling, sample handling and analytical techniques were conducted in accordance with the current USACE A-E Contract No. DACW-35-01-D-0006 (the Contract) in addition to "Test Methods for Evaluating Solid Waste", 3rd Ed, U.S. EPA No. SW-846 and ASTM D 2488-69, "Description of Soils (Visual-Manual Procedure)" and EPA-823-B-01-002 "Methods for Collection, Storage and Manipulation of Sediments for Chemical and Toxicological Analyses: Technical Manual. " October 2001.

2.0 Site Description

The Kinnickinnic River is one of three major rivers that flow through flow through highly developed portions of the city of Milwaukee, Wisconsin and empty into Milwaukee Harbor. The Kinnickinnic River serves a large number of both commercial ships and recreational boaters by providing access to Lake Michigan. The Federal Navigational Channel ends immediately downstream of the project area below the First Street Bridge therefore the project area typically serves recreation boat traffic.

3.0 Weather/Climatic Conditions

The daily ambient air temperature during the four-day period of sampling activities (September 9 through 12, 2002) ranged from sunny and 95°F on Monday to 75-80°F on the remaining days. Sky conditions were dominantly clear and sunny except for a brief period of light rain in the afternoon of Wednesday, September 11th. Water clarity was typically poor, four feet or less as a result of suspended sediment.

A Low Water Datum of 577.5 (LWD) feet above mean sea level (MSL) from Station 9087057, Milwaukee Harbor, WI was obtained from the National Oceanic and Atmospheric Administration's (NOAA) website. The current water level was obtained at least daily by Altech from the NOAA website for the same station and was communicated to the field sampling team by cell phone. The measured water depth in the field was corrected to LWD. This data was used to advance borings to the required project depth as specified in the QAPP.

4.0 Sample Collection

Samples were collected over a four-day period beginning on September 9, 2002, and concluding on September 12, 2002 in accordance with the USACE-provided QAPP with a few modifications as described below. The QAPP specified a project depth (from LWD) of 19 feet or until native silty clay was intersected for all borings except KK0202, KK0209, KK90210, and KK0213.

These borings had a project depth of 26 feet below LWD. Samples from the fourteen boring locations were collected with three inch spilt spoon. 4 ¼ inch hollow stem augers were advanced with a Diedrich D-50 auger rig mounted on a Bombardier barge. The two upstream grab samples were collected with a petite Ponar grab sampler. Table 1 summarizes boring nomenclature, locations, and depths. Sample locations are illustrated on Figure 1.

Sampling activity was first initiated by navigating to the coordinates of the predetermined sample locations by using a Trimble ™ differential Global Position System (GPS). Landmarks and water depth served as additional guidance. Having determined that the pre-selected target locations met WDNR approval, water depth was measured and corrected to LWD. The corrected water depth and QAPP specified project depth for a given boring were then used to determine the required boring depth. The number of samples collected from a given boring was determined by the boring depth and additional QAPP specifications if applicable. Table 2 summarizes sample nomenclature as well as numbers and types of samples.

The augers were lowered to top of sediment and a three-inch split spoon (less commonly a two-inch) two feet in length was driven into the sediment. The split spoon sampler was retrieved and delivered to the sampling area where it was opened and the sediment described. Where required by the QAPP a small portion of sediment was transferred to a small container for compositing in the laboratory prior to TCLP VOC analysis. The sample was then transferred to a stainless steel pan, thoroughly mixed with a stainless steel spoon and subsequently photographed. Sediment sample descriptions, and associated data (e.g., station number, time, depth, coordinates, etc.), were promptly recorded by a Coleman geologist. Photographs are provided in Appendix A. Sediment logs are available from Coleman Engineering in a report entitled “Subsurface Investigation for Kinnickinnic River, Milwaukee Wisconsin” dated October 2002. At the completion of mixing and photographing, the sample was promptly transferred into the required sample container, and excess material was discarded. Upon containerization of project samples, the containers were placed in rigid coolers, maintained under ice, and subject to appropriate chain-of-custody protocols until delivered to Trace Analytical Laboratories, Muskegon, Michigan.

Sampling equipment was decontaminated after each sample was processed. The decontamination procedure included an initial rinse with site water followed by a wash with site water and Alconox™ detergent and a final rinse with site water. Decontamination water containing detergent was placed into 50 gallon drums for later disposal by Coleman.

Samples for analysis of PCB and PAH were collected as a composite of each two-foot interval from every boring location to a project depth of approximately 19 feet as specified in the QAPP. Three samples that were not specified in the QAPP were collected from 19 to 26 feet (project depth) from borings KK0202 and KK0209 at the request of the WDNR.

Samples for grain size with hydrometer and Loss on Ignition (LOI) were collected from each two-foot interval. Only samples from every other interval will be analyzed, starting with the 0-2 foot interval from odd-numbered borings and with the 2-4 foot interval from even numbered borings as specified in the QAPP. The additional samples were collected and saved at the request of the WDNR for possible later analysis.

Samples for Total Organic Carbon (TOC) were collected from a composite of every other two-foot interval from each boring location. TOC samples were collected starting with the 0-2 foot interval from odd-numbered borings and with the 2-4 foot interval from even numbered borings as specified in the QAPP. Three deep level samples not specified by the QAPP were collected from the 19 to 26 foot project depth from borings KK0202 and KK0209 at the request of the WDNR.

Seven samples were composited from the entire length of the seven odd-numbered borings. The composite samples were submitted for waste characterization analyses comprising TCLP pesticides, TCLP herbicides, TCLP volatile compounds and TCLP semi-volatile compounds, paint filter test, reactivity, corrosivity and ignitability.

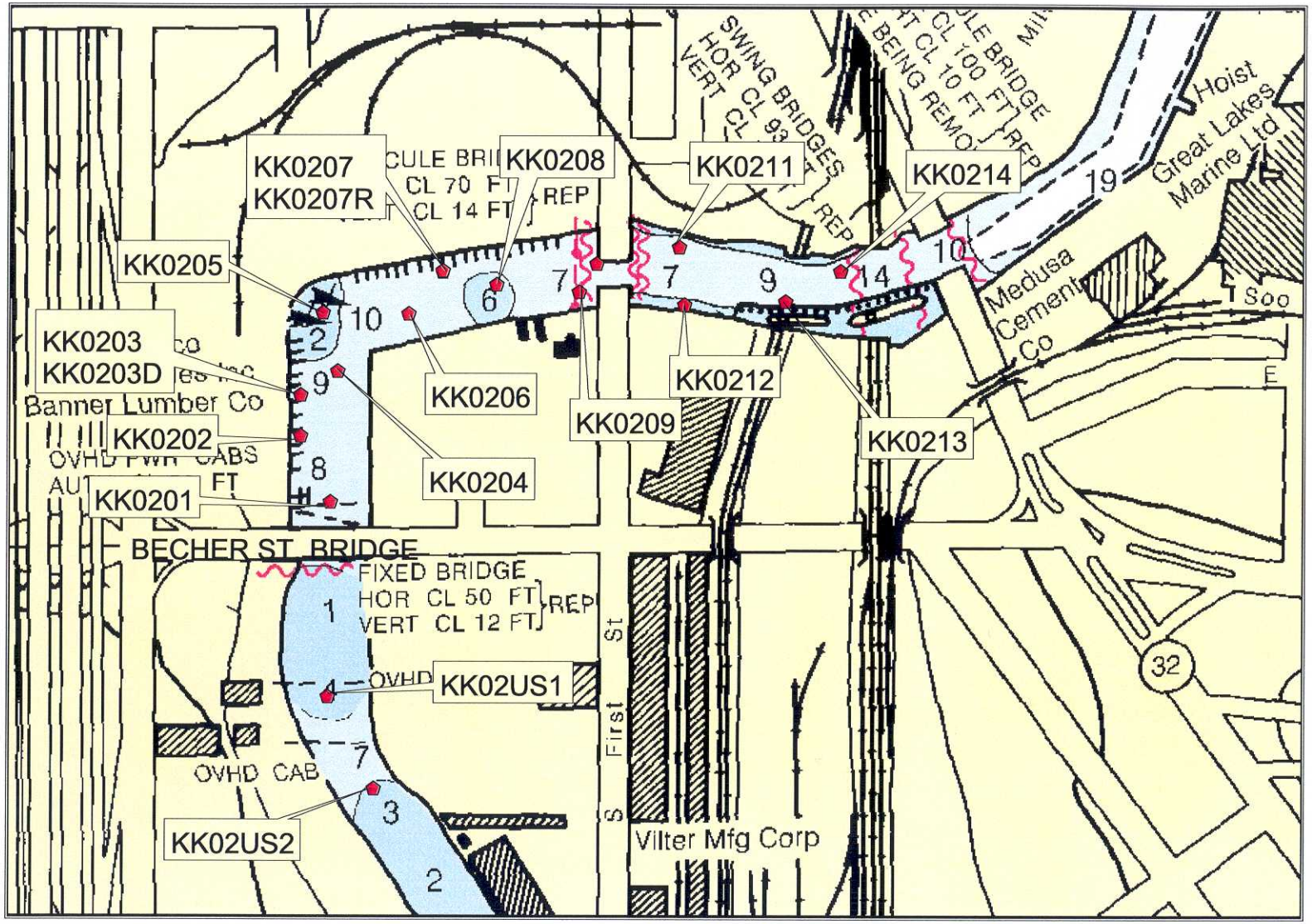
Eight samples were collected for analysis of Atterberg Limits in accordance with the QAPP. Two samples were collected from each of four borings (KK0202, KK0209, KK210 and KK213) that were extended to the project depth of 26 feet. Atterberg limit analyses were conducted by Coleman and results can be seen in the Coleman report.

Samples from four borings (KK0202, KK0207, KK0213 and KK0214) were selected by WDNR to be subjected to analysis for "tentatively identified compounds" (TIC) which identifies and semi-quantifies specific families of non-regulated PAH compounds.

Geotechnical analyses consisting of grain size with hydrometer, loss on ignition and Atterberg limits were conducted by Coleman and can be seen along with boring logs in the Coleman report entitled "Subsurface Investigation for Kinnickinnic River, Milwaukee Wisconsin" dated October 2002.

Trace provided chemical analytical services consisting of PAH, PCB, TOC, TIC, TCLP pesticides, TCLP herbicides, TCLP volatile compounds, TCLP semi-volatile compounds, paint filter test and reactivity, corrosivity and ignitability. These results are attached to this report as Appendix B.

Figure 1. Sample Location Map



200 0 200 400 600 800 Feet

Figure 1. Boring Locations
Kinnickinnic River, Milwaukee, Wisconsin

Prepared for:

US Army Corps of Engineers
Detroit District

Prepared by:

ACTEC

Prepared on: 09-17-02

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Table 1. Boring Nomenclature, Locations and Depths

Table 1. Boring Nomenclature, Locations and Depths.

Station	Longitude	Latitude	Project Depth[a]	Water Depth[a]	Boring Depth[b]	Total Depth[a]
KK0201	-87.91386617	43.00685050	19	9.69	10	19.69
KK0202	-87.91411750	43.00729483	26	3.59	20	23.59
KK0203	-87.91411000	43.00756267	19	3.49	14	17.49
KK0203D	-87.91411000	43.00756267	19	3.49	14	17.49
KK0204	-87.91377550	43.00771533	19	6.69	16	22.69
KK0205	-87.91389283	43.00810267	19	3.09	16	19.09
KK0206	-87.91312650	43.00808333	19	2.69	18	20.69
KK0207	-87.91281100	43.00835417	19	10.39	10	20.39
KK0207R	-87.91281267	43.00835917	19	10.39	10	20.39
KK0208	-87.91233500	43.00826150	19	5.89	14	19.89
KK0209	-87.91159350	43.00819783	26	3.59	24	27.59
KK0210	-87.91143133	43.00838050	26	10.39	14	24.39
KK0211	-87.91068717	43.00847550	19	6.79	12	18.79
KK0212	-87.91065167	43.00809450	19	6.41	14	20.41
KK0213	-87.90974017	43.00809883	19	8.09	16	24.09
KK0214	-87.90924433	43.00829033	26	9.39	10	19.39
KK02US1*	-87.91392917	43.00556050	19	3.79	1	4.79
KK02US2*	-87.91353367	43.00494433	19	5.69	1	6.79

* Grab samples collected with Ponar sampler.

[a] Depth corrected to Low Water Datum (577.5 feet MSL).

[b] Depth from top of sediment.

Note: All depths are in feet.

Table 2. Sample Nomenclature and Types of Analyses

Table 2. Sample Nomenclature and Types of Analyses

Station	Longitude	Latitude	Sample No.	Interval (feet)	PAH	PCB	TOC	TCLP*	GS	ATT	TIC
KK0201	-87.91386617	43.00685050	KK0201-0002	0-2	1	1	1	1	1	0	0
			KK0201-0204	2-4	1	1	0	1	C	0	0
			KK0201-0406	4-6	1	1	1	1	1	0	0
			KK0201-0608	6-8	1	1	0	1	C	0	0
			KK0201-0810	8-10	1	1	1	1	1	0	0
KK0202	-87.91411750	43.00729483	KK0202-0002	0-2	1	1	0	0	C	0	0
			KK0202-0204	2-4	1	1	1	0	1	0	0
			KK0202-0406	4-6	1	1	0	0	C	0	0
			KK0202-0608	6-8	1	1	1	0	1	0	0
			KK0202-0810	8-10	1	1	0	0	C	0	0
			KK0202-1012	10-12	1	1	1	0	1	0	0
			KK0202-1214	12-14	1	1	0	0	C	0	0
			KK0202-1416	14-16	1	1	1	0	1	1	0
			KK0202-1618	16-18	0	0	0	0	0	0	0
			KK0202-1820	18-20	1	1	1	0	1	1	0
KK0203	-87.91411000	43.00756267	KK0203-0002	0-2	1	1	1	1	1	0	0
			KK0203-0204	2-4	1	1	0	1	C	0	0
			KK0203-0406	4-6	1	1	1	1	1	0	0
			KK0203-0608	6-8	1	1	0	1	C	0	0
			KK0203-0810	8-10	1	1	1	1	1	0	0
			KK0203-1012	10-12	1	1	0	1	C	0	0
			KK0203-1214	12-14	1	1	0	1	C	0	0
KK0203D	-87.91411000	43.00756267	KK0203D-0002	0-2	1	1	1	1	1	0	0
			KK0203D-0204	2-4	1	1	0	1	C	0	0
			KK0203D-0406	4-6	1	1	1	1	1	0	0
			KK0203D-0608	6-8	1	1	0	1	C	0	0
			KK0203D-0810	8-10	1	1	1	1	1	0	0
			KK0203D-1012	10-12	1	1	0	1	C	0	0
			KK0203D-1214	12-14	1	1	1	1	1	0	0
KK0204	-87.91377550	43.00771533	KK0204-0002	0-2	1	1	0	0	C	0	0
			KK0204-0204	2-4	1	1	1	0	1	0	0
			KK0204-0406	4-6	1	1	0	0	C	0	0
			KK0204-0608	6-8	1	1	1	0	1	0	0
			KK0204-0810	8-10	1	1	0	0	C	0	0
			KK0204-1012	10-12	1	1	1	0	1	0	0
			KK0204-1214	12-14	1	1	0	0	C	0	0
			KK0204-1416	14-16	1	1	1	0	1	0	0

0 = Sample not required.

1 = Sample collected and analyzed.

C = Sample collected but not analyzed.

X = No recovery. Sample not collected.

* TCLP samples are a composite of the whole length of the boring.

Table 2. Sample Nomenclature and Types of Analyses

Station	Longitude	Latitude	Sample No.	Interval (feet)	PAH	PCB	TOC	TCLP*	GS	ATT	TIC
KK0205	-87.91389283	43.00810267	KK0205-0002	0-2	1	1	1	1	1	0	0
			KK0205-0204	2-4	1	1	0	1	C	0	0
			KK0205-0406	4-6	1	1	1	1	1	0	0
			KK0205-0608	6-8	1	1	0	1	C	0	0
			KK0205-0810	8-10	1	1	1	1	1	0	0
			KK0205-1012	10-12	1	1	0	1	C	0	0
			KK0205-1214	12-14	1	1	1	1	1	0	0
			KK0205-1416	14-16	1	1	0	1	C	0	0
KK0206	-87.91312650	43.00808333	KK0206-0002	0-2	1	1	0	0	C	0	0
			KK0206-0204	2-4	1	1	1	0	1	0	0
			KK0206-0406	4-6	1	1	0	0	C	0	0
			KK0206-0608	6-8	1	1	1	0	1	0	0
			KK0206-0810	8-10	1	1	0	0	C	0	0
			KK0206-1012	10-12	1	1	1	0	1	0	0
			KK0206-1214	12-14	1	1	0	0	C	0	0
			KK0206-1416	14-16	1	1	1	0	1	0	0
			KK0206-1618	16-18	1	1	0	0	C	0	0
KK0207	-87.91281100	43.00835417	KK0207-0002	0-2	X	X	X	X	X	0	X
			KK0207-0204	2-4	X	X	X	X	X	0	X
			KK0207-0406	4-6	1	1	1	1	1	0	1
			KK0207-0608	6-8	1	1	0	1	C	0	1
			KK0207-0810	8-10	1	1	1	1	1	0	1
KK0207R	-87.91281267	43.00835917	KK0207R-0002	0-2	1	1	0	1	C	0	1
			KK0207R-0204	2-4	X	X	X	X	X	X	X
			KK0207R-0406	4-6	1	1	1	1	1	0	1
			KK0207R-0608	6-8	1	1	0	1	C	0	0
			KK0207R-0810	8-10	1	1	1	1	1	0	1
KK0208	-87.91233500	43.00826150	KK0208-0002	0-2	X	X	0	0	X	0	0
			KK0208-0204	2-4	1	1	1	0	1	0	0
			KK0208-0406	4-6	X	X	0	0	X	0	0
			KK0208-0608	6-8	1	1	0	0	1	0	0
			KK0208-0810	8-10	1	1	1	0	C	0	0
			KK0208-1012	10-12	1	1	1	0	1	0	0
			KK0208-1214	12-14	1	1	0	0	C	0	0

0 = Sample not required.
1 = Sample collected and analyzed.
C = Sample collected but not analyzed.
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* TCLP samples are a composite of the whole length of the boring.

Table 2. Sample Nomenclature and Types of Analyses

Station	Longitude	Latitude	Sample No.	Interval (feet)	PAH	PCB	TOC	TCLP*	GS	ATT	TIC
KK0209	-87.91159350	43.00819783	KK0209-0002	0-2	1	1	1	1	1	0	0
			KK0209-0204	2-4	1	1	0	1	C	0	0
			KK0209-0406	4-6	1	1	1	1	1	0	0
			KK0209-0608	6-8	1	1	0	1	C	0	0
			KK0209-0810	8-10	1	1	1	1	1	0	0
			KK0209-1012	10-12	1	1	0	1	C	0	0
			KK0209-1214	12-14	1	1	1	1	1	0	0
			KK0209-1416	14-16	1	1	0	1	C	0	0
			KK0209-1618	16-18	0	0	0	0	C	0	0
			KK0209-1820	18-20	0	0	0	0	C	1	0
			KK0209-2022	20-22	1	1	1	0	1	0	0
			KK0209-2224	22-24	1	1	0	0	C	1	0
KK0210	-87.91143133	43.00838050	KK0210-0002	0-2	1	1	0	0	C	0	0
			KK0210-0204	2-4	1	1	1	0	1	0	0
			KK0210-0406	4-6	1	1	0	0	C	0	0
			KK0210-0608	6-8	1	1	1	0	1	0	0
			KK0210-0810	8-10	1	1	0	0	C	0	0
			KK0210-1012	10-12	0	0	0	0	0	0	0
			KK0210-1214	12-14	1	1	1	0	1	1	0
KK0211	-87.91068717	43.00847550	KK0211-0002	0-2	1	1	1	1	1	0	0
			KK0211-0204	2-4	1	1	0	1	C	0	0
			KK0211-0406	4-6	1	1	1	1	1	0	0
			KK0211-0608	6-8	1	1	0	1	C	0	0
			KK0211-0810	8-10	1	1	1	1	1	0	0
			KK0211-1012	10-12	1	1	0	1	C	0	0
KK0212	-87.91065167	43.00809450	KK0212-0002	0-2	1	1	0	0	C	0	0
			KK0212-0204	2-4	1	1	1	0	1	0	0
			KK0212-0406	4-6	1	1	0	0	C	0	0
			KK0212-0608	6-8	1	1	1	0	1	0	0
			KK0212-0810	8-10	1	1	0	0	C	0	0
			KK0212-1012	10-12	1	1	1	0	1	0	0
			KK0212-1214	12-14	1	1	0	0	C	0	0

0 = Sample not required.
1 = Sample collected and analyzed.
C = Sample collected but not analyzed.
X = No recovery. Sample not collected.

* TCLP samples are a composite of the whole length of the boring.

Table 2. Sample Nomenclature and Types of Analyses

Station	Longitude	Latitude	Sample No.	Interval (feet)	PAH	PCB	TOC	TCLP*	GS	ATT	TIC
KK0213	-87.90974017	43.00809883	KK0213-0002	0-2	1	1	1	1	1	0	1
			KK0213-0204	2-4	1	1	0	1	C	0	1
			KK0213-0406	4-6	1	1	1	1	1	0	1
			KK0213-0608	6-8	1	1	0	1	C	0	1
			KK0213-0810	8-10	1	1	1	1	1	0	1
			KK0213-1012	10-12	1	1	0	1	C	0	1
			KK0213-1214	12-14	0	0	0	1	0	1	1
			KK0213-1416	14-16	0	0	0	1	0	1	1
KK0214	-87.90924433	43.00829033	KK0214-0002	0-2	X	X	0	0	X	0	X
			KK0214-0204	2-4	1	1	1	0	1	0	1
			KK0214-0406	4-6	1	1	0	0	C	0	1
			KK0214-0608	6-8	1	1	1	0	1	0	1
			KK0214-0810	8-10	1	1	0	0	C	0	1
KK02US1	-87.91392917	43.00556050	KK02US1	0-2	1	1	1	0	1	0	0
KK02US2	-87.91353367	43.00494433	KK02US2	0-2	1	1	1	0	1	0	0

0 = Sample not required.
1 = Sample collected and analyzed.
C = Sample collected but not analyzed.
X = No recovery. Sample not collected.

* TCLP samples are a composite of the whole length of the boring.

Appendix A. Photographs

Photo 1. Sample KK0201-0204

Photo 2. Sample KK0201-0608

Photo 3. Sample KK0201-0810

Photo 4. Sample KK0201-1214

Photo 5. Sample KK0202-0002

Photo 6. Sample KK0202-0204

Photo 7. Sample KK0202-0406

Photo 8. Sample KK0202-0608

Photo 9. Sample KK0202-0810

Photo 10. Sample KK0202-1012

Photo 11. Sample KK0202-1214

Photo 12. Sample KK0202-1416

Photo 13. Sample KK0203-0002

Photo 14. Sample KK0203-0204

Photo 15. Sample KK0203-0406

Photo 16. Sample KK0203-0608

Photo 17. Sample KK0203-0810

Photo 18. Sample KK0203-1012

Photo 19. Sample KK0203-1214

Photo 20. Sample KK0204-0002

Photo 21. Sample KK0204-0204

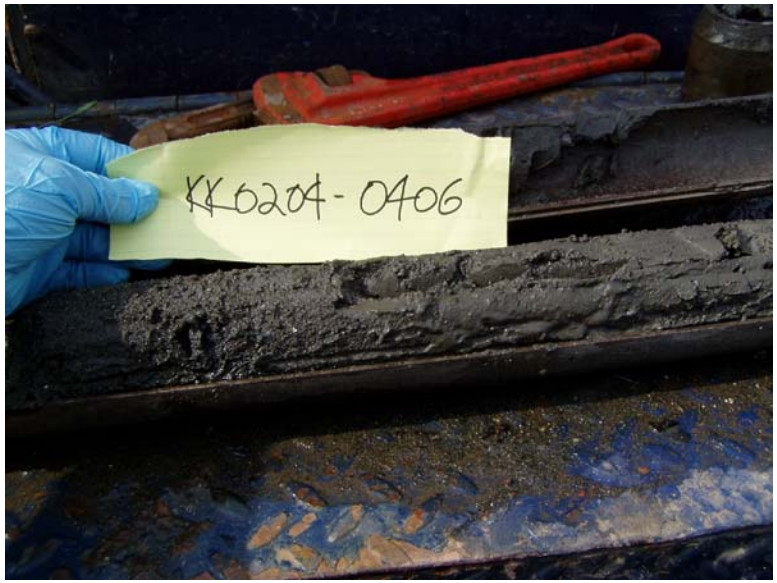

Photo 22. Sample KK0204-0406

Photo 23. Sample KK0204-0608

Photo 24. Sample KK0204-0610

Photo 25. Sample KK0204-1012

Photo 26. Sample KK0204-1214

Photo 27. Sample KK0204-1416

Photo 28. Sample KK0205-0002

Photo 29. Sample KK0205-0204

Photo 30. Sample KK0205-0406

Photo 31. Sample KK0205-0608

Photo 32. Sample KK0205-0810

Photo 33. Sample KK0205-1012

Photo 34. Sample KK0205-1214

Photo 35. Sample KK0205-1416

Photo 36. Sample KK0206-0002

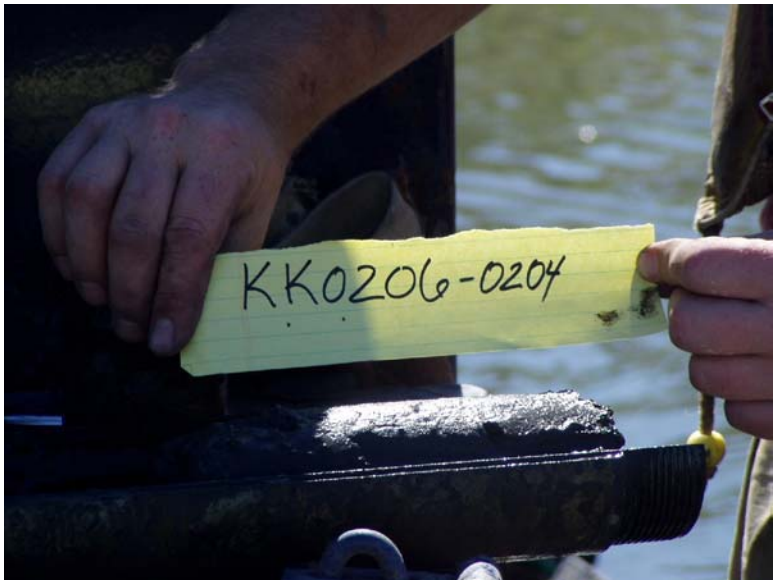

Photo 37. Sample KK0206-0204

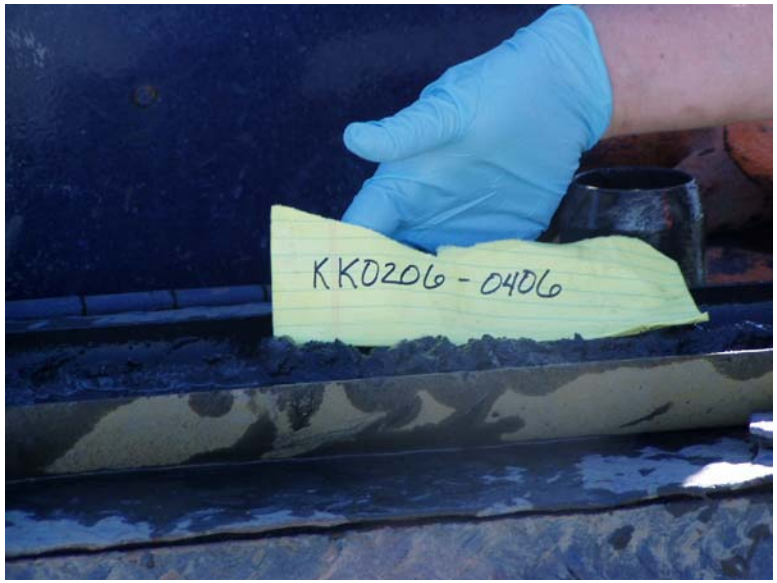

Photo 38. Sample KK0206-0406

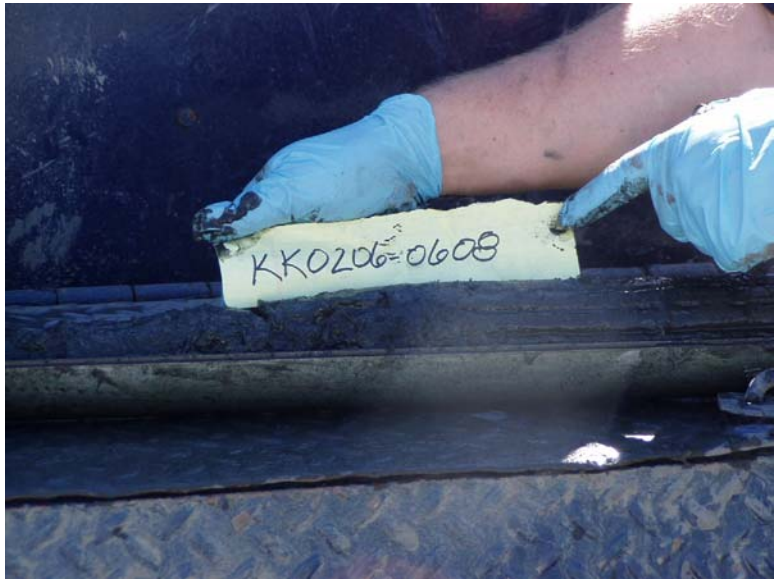

Photo 39. Sample KK0206-0608

Photo 40. Sample KK0206-0810

Photo 41. Sample KK0206-1012

Photo 42. Sample KK0206-1214

Photo 43. Sample KK0206-14116

Photo 44. Sample KK0206-1618

Photo 45. Sample KK0207-0406

Photo 46. Sample KK0207-0608

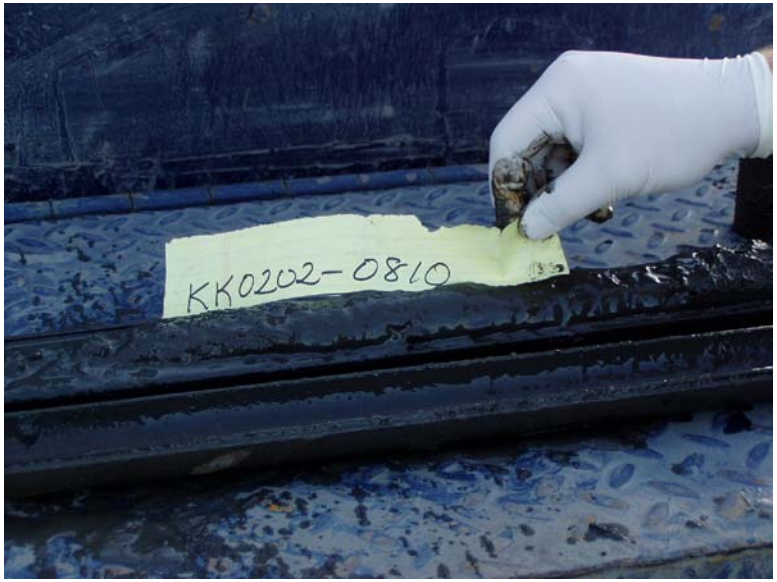

Photo 47. Sample KK0207-0810

Photo 48. Sample KK0207R-0406

Photo 49. Sample KK0207-0608R

Photo 50. Sample KK0207-0810R

Photo 51. Sample KK0208-0204

Photo 52. Sample KK0208-0608

Photo 53. Sample KK0208-0810

Photo 54. Sample KK0208-1012

Photo 55. Sample KK0208-1214

Photo 56. Sample KK0209-0002

Photo 57. Sample KK0209-0204

Photo 58. Sample KK0209-0406

Photo 59. Sample KK0209-0608

Photo 60. KK0209-0810

Photo 61. Sample KK0209-1012

Photo 62. Sample KK0209-1214

Photo 63. Sample KK0209-1416

Photo 64. Sample KK0209-1214

Photo 65. Sample KK0209-1416

Photo 66. Sample KK0209-1618

Photo 67. Sample KK0209-1820

Photo 68. Sample KK0210-0002

Photo 69. Sample KK0210-0204

Photo 70. Sample KK0210-0406

Photo 71. Sample KK0210-0608

Photo 72. Sample KK0210-0810

Photo 73. Sample KK0210-1012

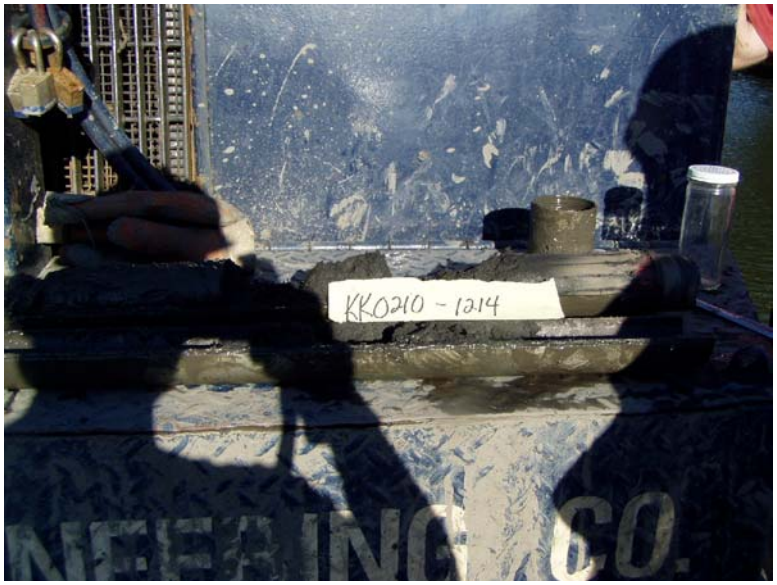

Photo 74. Sample KK0210-1214

Photo 75. Sample KK0211-0002

Photo 76. Sample KK02110-0204

Photo 77. Sample KK0211-0406

Photo 78. Sample KK0211-0608

Photo 79. Sample KK0212-0002

Photo 80. Sample KK0212-0204

Photo 81. Sample KK0212-0406

Photo 82. Sample KK0212-0608

Photo 83. Sample KK0212-0810

Photo 84. Sample KK0212-1012

Photo 85. Sample KK0212-1214

Photo 86. Sample KK0213-0002

Photo 87. Sample KK0213-0204

Photo 88. Sample KK0213-0406

Photo 89. Sample KK0213-0608

Photo 90. Sample KK0213-0810

Photo 91. Sample KK0213-1012

Photo 92. Sample KK0213-1214

Photo 93. Sample KK0213-1416

Photo 94. Sample KK0214-0204

Photo 95. Sample KK0213-1416

Photo 96. Sample KK0214-0608

Photo 97. Sample KK0214-0810

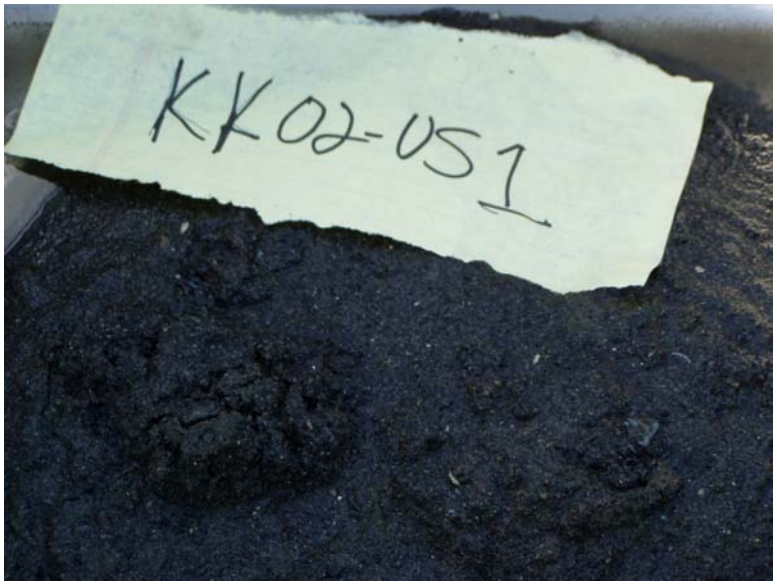

Photo 98. Sample KK02-US1

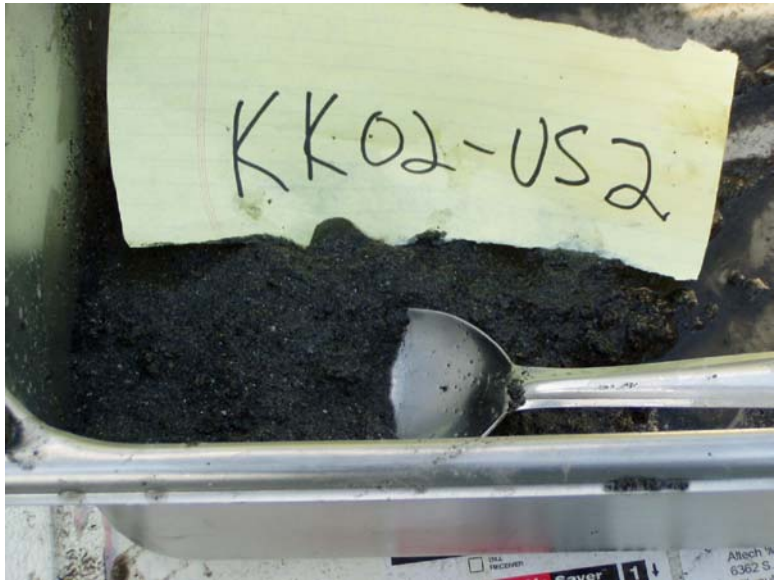

Photo 99. Sample KK024-US2

Appendix B. Chemical Analytical and QA/QC Report

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TCLP			KK-0201			KK-0203			KK-0203D		
Pesticides	1311/8081	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Endrin		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01
Heptachlor		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Heptachlor epoxide		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Chlordane		mg/L	0.02	U	0.02	0.02	U	0.02	0.02	U	0.02
Toxaphene		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Methoxychlor		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Lindane		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01
TCLP			KK-0205			KK-0207			KK-0207R		
Pesticides	1311/8081	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Endrin		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01
Heptachlor		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Heptachlor epoxide		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Chlordane		mg/L	0.02	U	0.02	0.02	U	0.02	0.02	U	0.02
Toxaphene		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Methoxychlor		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Lindane		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01
TCLP			KK-0209			KK-0211			KK-0213		
Pesticides	1311/8081	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Endrin		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01
Heptachlor		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Heptachlor epoxide		mg/L	0.008	U	0.008	0.008	U	0.008	0.008	U	0.008
Chlordane		mg/L	0.02	U	0.02	0.02	U	0.02	0.02	U	0.02
Toxaphene		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Methoxychlor		mg/L	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Lindane		mg/L	0.01	U	0.01	0.01	U	0.01	0.01	U	0.01

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TCLP			KK-0201			KK-0203			KK-0203D		
Herbicides	**1311/8151**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
2,4-D		mg/L	10	U	10	10	U	10	10	U	10
2,4,5-TP (Silvex)		mg/L	1	U	1	1	U	1	1	U	1
TCLP			**KK-0205**			**KK-0207**			**KK-0207R**		
Herbicides	**1311/8151**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
2,4-D		mg/L	10	U	10	10	U	10	10	U	10
2,4,5-TP (Silvex)		mg/L	1	U	1	1	U	1	1	U	1
TCLP			**KK-0209**			**KK-0211**			**KK-0213**		
Herbicides	**1311/8151**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
2,4-D		mg/L	10	U	10	10	U	10	10	U	10
2,4,5-TP (Silvex)		mg/L	1	U	1	1	U	1	1	U	1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TCLP Volatile Organic Compounds	1311/8260	units	KK-0201			KK-0203			KK-0203D		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Benzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Carbon tetrachloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chloroform		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Methyl ethyl ketone		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,4-Dichlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,2-Dichloroethane		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,1-Dichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Tetrachloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Trichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Vinyl chloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
TCLP Volatile Organic Compounds	**1311/8260**	**units**	**KK-0205**			**KK-0207**			**KK-0207R**		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Benzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Carbon tetrachloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chloroform		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Methyl ethyl ketone		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,4-Dichlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,2-Dichloroethane		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,1-Dichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Tetrachloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Trichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Vinyl chloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
TCLP Volatile Organic Compounds	**1311/8260**	**units**	**KK-0209**			**KK-0211**			**KK-0213**		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Benzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Carbon tetrachloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Chloroform		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Methyl ethyl ketone		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,4-Dichlorobenzene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,2-Dichloroethane		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
1,1-Dichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Tetrachloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Trichloroethene		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05
Vinyl chloride		mg/L	0.05	U	0.05	0.05	U	0.05	0.05	U	0.05

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TCLP Semi-Volatile Organic Compound	1311/8270	units	KK-0201			KK-0203			KK-0203D		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Pyridine		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
3/4-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloroethane		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Nitrobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloro-1,3-butadiene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,5-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,6-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4-Dinitrotoluene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachlorobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Pentachlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1

TCLP Semi-Volatile Organic Compound	1311/8270	units	KK-0205			KK-0207			KK-0207R		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Pyridine		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
3/4-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloroethane		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Nitrobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloro-1,3-butadiene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,5-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,6-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4-Dinitrotoluene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachlorobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Pentachlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1

TCLP Semi-Volatile Organic Compound	1311/8270	units	KK-0209			KK-0211			KK-0213		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Pyridine		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
3/4-Methylphenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloroethane		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Nitrobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachloro-1,3-butadiene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,5-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4,6-Trichlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
2,4-Dinitrotoluene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Hexachlorobenzene		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1
Pentachlorophenol		mg/L	0.1	U	0.1	0.1	U	0.1	0.1	U	0.1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TCLP Metals	1311/6010 1311/7470	units	KK-0201 Results	KK-0201 Qualifier	KK-0201 Reporting Limit	KK-0203 Results	KK-0203 Qualifier	KK-0203 Reporting Limit	KK-0203D Results	KK-0203D Qualifier	KK-0203D Reporting Limit
TCLP Arsenic		ug/L	300	U	300	300	U	300	300	U	300
TCLP Barium		ug/L	1000	U	1000	1000	U	1000	1000	U	1000
TCLP Cadmium		ug/L	100	U	100	100	U	100	100	U	100
TCLP Chromium		ug/L	500	U	500	500	U	500	500	U	500
TCLP Lead		ug/L	500	U	500	500	U	500	500	U	500
TCLP Selenium		ug/L	600	U	600	600	U	600	600	U	600
TCLP Silver		ug/L	100	U	100	100	U	100	100	U	100
TCLP Mercury		ug/L	10	U	10	10	U	10	10	U	10

TCLP Metals	1311/6010 1311/7470	units	KK-0205 Results	KK-0205 Qualifier	KK-0205 Reporting Limit	KK-0207 Results	KK-0207 Qualifier	KK-0207 Reporting Limit	KK-0207R Results	KK-0207R Qualifier	KK-0207R Reporting Limit
TCLP Arsenic		ug/L	300	U	300	300	U	300	300	U	300
TCLP Barium		ug/L	1000	U	1000	1000	U	1000	1000	U	1000
TCLP Cadmium		ug/L	100	U	100	100	U	100	100	U	100
TCLP Chromium		ug/L	500	U	500	500	U	500	500	U	500
TCLP Lead		ug/L	500	U	500	500	U	500	500	U	500
TCLP Selenium		ug/L	600	U	600	600	U	600	600	U	600
TCLP Silver		ug/L	100	U	100	100	U	100	100	U	100
TCLP Mercury		ug/L	10	U	10	10	U	10	10	U	10

TCLP Metals	1311/6010 1311/7470	units	KK-0209 Results	KK-0209 Qualifier	KK-0209 Reporting Limit	KK-0211 Results	KK-0211 Qualifier	KK-0211 Reporting Limit	KK-0213 Results	KK-0213 Qualifier	KK-0213 Reporting Limit
TCLP Arsenic		ug/L	300	U	300	300	U	300	300	U	300
TCLP Barium		ug/L	1000	U	1000	1000	U	1000	1000	U	1000
TCLP Cadmium		ug/L	100	U	100	100	U	100	100	U	100
TCLP Chromium		ug/L	500	U	500	500	U	500	500	U	500
TCLP Lead		ug/L	500	U	500	500	U	500	500	U	500
TCLP Selenium		ug/L	600	U	600	600	U	600	600	U	600
TCLP Silver		ug/L	100	U	100	100	U	100	100	U	100
TCLP Mercury		ug/L	10	U	10	10	U	10	10	U	10

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Waste Characteristics		units	KK-0201 Results	KK-0201 Qualifier	KK-0201 Reporting Limit	KK-0203 Results	KK-0203 Qualifier	KK-0203 Reporting Limit	KK-0203D Results	KK-0203D Qualifier	KK-0203D Reporting Limit
Flashpoint	**1010**	° F	200	° F		200	° F		200	° F	
Reactive Cyanide	**846 ch 7**	mg/kg	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Reactive Sulfide	**846 ch 7**	mg/kg	100		28	290		30	230		28
pH	**9045**		7.54			7.76			7.83		

Waste Characteristics		units	KK-0205 Results	KK-0205 Qualifier	KK-0205 Reporting Limit	KK-0207 Results	KK-0207 Qualifier	KK-0207 Reporting Limit	KK-0207R Results	KK-0207R Qualifier	KK-0207R Reporting Limit
Flashpoint	**1010**	° F	200	° F		200	° F		200	° F	
Reactive Cyanide	**846 ch 7**	mg/kg	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Reactive Sulfide	**846 ch 7**	mg/kg	690		190	270		31	600		160
pH	**9045**		7.67			7.68			7.67		

Waste Characteristics		units	KK-0209 Results	KK-0209 Qualifier	KK-0209 Reporting Limit	KK-0211 Results	KK-0211 Qualifier	KK-0211 Reporting Limit	KK-0213 Results	KK-0213 Qualifier	KK-0213 Reporting Limit
Flashpoint	**1010**	° F	200	° F		200	° F		200	° F	
Reactive Cyanide	**846 ch 7**	mg/kg	0.5	U	0.5	0.5	U	0.5	0.5	U	0.5
Reactive Sulfide	**846 ch 7**	mg/kg	450		120	730		150	540		150
pH	**9045**		7.7			7.69			7.78		

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0201-0002			KK-0201-0204			KK-0201-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Acenaphthylene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Acenaphthene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Fluorene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Phenanthrene		mg/kg	8.3		1.1	1.4		1	6.1		1
Anthracene		mg/kg	2		1.1	1	U	1	1.7		1
Fluoranthene		mg/kg	13		1.1	2.6		1	9		1
Pyrene		mg/kg	10		1.1	2.1		1	7		1
Benzo(a)anthracene		mg/kg	4.2		0.43	0.88		0.4	2.8		0.4
Chrysene		mg/kg	5.5		1.1	1.2		1	3.4		1
Benzo(b)fluoranthene		mg/kg	4		0.43	0.92		0.4	2.5		0.4
Benzo(k)fluoranthene		mg/kg	2.3		1.1	1	U	1	1.4		1
Benzo(a)pyrene		mg/kg	3.9		0.43	0.8		0.4	2.4		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	2.4		0.43	0.45		0.4	1.2		0.4
Dibenzo(a,h)anthracene		mg/kg	0.58		0.43	0.4	U	0.4	0.4	U	0.4
Benzo(g,h,i)perylene		mg/kg	2.2		1.1	1	U	1	1.1		1

Semi-Volatile Organic Compound	8270	units	KK-0201-0608			KK-0201-0810			KK-0202-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1	U	1	0.33	U	0.33	1	U	1
2-Methylnaphthalene		mg/kg	1	U	1	0.33	U	0.33	1	U	1
Acenaphthylene		mg/kg	1	U	1	0.33	U	0.33	1	U	1
Acenaphthene		mg/kg	1.3		1	0.33	U	0.33	1	U	1
Fluorene		mg/kg	1.7		1	0.33	U	0.33	1.1		1
Phenanthrene		mg/kg	13		1	0.33	U	0.33	9.9		1
Anthracene		mg/kg	3.1		1	0.33	U	0.33	2.2		1
Fluoranthene		mg/kg	15		1	0.33		0.33	17		1
Pyrene		mg/kg	12		1	0.33	U	0.33	12		1
Benzo(a)anthracene		mg/kg	5.4		0.4	0.33	U	0.33	4.9		0.4
Chrysene		mg/kg	6.3		1	0.33	U	0.33	5.9		1
Benzo(b)fluoranthene		mg/kg	5.2		0.4	0.33	U	0.33	5.7		0.4
Benzo(k)fluoranthene		mg/kg	2.6		1	0.33	U	0.33	2.3		1
Benzo(a)pyrene		mg/kg	5.3		0.4	0.33	U	0.33	5.2		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	3.8		0.4	0.33	U	0.33	3.9		0.4
Dibenzo(a,h)anthracene		mg/kg	0.92		0.4	0.33	U	0.33	0.83		0.4
Benzo(g,h,i)perylene		mg/kg	3.6		1	0.33	U	0.33	3.6		1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0202-0204			KK-0202-0406			KK-0202-0608		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1.1	U	1.1	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1.1	U	1.1	1.3	U	1.3
Acenaphthylene		mg/kg	1.1	U	1.1	1.1	U	1.1	1.3	U	1.3
Acenaphthene		mg/kg	1.1	U	1.1	1.1	U	1.1	3		1.3
Fluorene		mg/kg	1.1	U	1.1	1.1	U	1.1	4		1.3
Phenanthrene		mg/kg	11		1.1	8.1		1.1	32		1.3
Anthracene		mg/kg	2.8		1.1	1.6		1.1	7.3		1.3
Fluoranthene		mg/kg	20		1.1	12		1.1	51		1.3
Pyrene		mg/kg	16		1.1	9.7		1.1	39		1.3
Benzo(a)anthracene		mg/kg	6.3		0.43	3.7		0.43	17		0.53
Chrysene		mg/kg	8		1.1	4.9		1.1	18		1.3
Benzo(b)fluoranthene		mg/kg	6.6		0.43	4.1		0.43	19		0.53
Benzo(k)fluoranthene		mg/kg	4.2		1.1	2.1		1.1	8.6		1.3
Benzo(a)pyrene		mg/kg	6.9		0.43	3.8		0.43	17		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	5.2		0.43	3		0.43	12		0.53
Dibenzo(a,h)anthracene		mg/kg	1.3		0.43	0.69		0.43	2.8		0.53
Benzo(g,h,i)perylene		mg/kg	4.7		1.1	3		1.1	10		1.3

Semi-Volatile Organic Compound	8270	units	KK-0202-0810			KK-0202-1012			KK-0202-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Acenaphthylene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Acenaphthene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Fluorene		mg/kg	1.2		1.1	1.4		1.4	1.2	U	1.2
Phenanthrene		mg/kg	9.1		1.1	13		1.4	7.7		1.2
Anthracene		mg/kg	2		1.1	2.7		1.4	1.7		1.2
Fluoranthene		mg/kg	14		1.1	20		1.4	14		1.2
Pyrene		mg/kg	12		1.1	16		1.4	11		1.2
Benzo(a)anthracene		mg/kg	4.4		0.43	5.9		0.56	4.2		0.46
Chrysene		mg/kg	6.2		1.1	9.1		1.4	6		1.2
Benzo(b)fluoranthene		mg/kg	5.1		0.43	7.9		0.56	4.5		0.46
Benzo(k)fluoranthene		mg/kg	2.6		1.1	2.6		1.4	2.5		1.2
Benzo(a)pyrene		mg/kg	4.4		0.43	6.6		0.56	4		0.46
Indeno(1,2,3-cd)pyrene		mg/kg	3.5		0.43	4.9		0.56	2.8		0.46
Dibenzo(a,h)anthracene		mg/kg	0.81		0.43	1.2		0.56	0.64		0.46
Benzo(g,h,i)perylene		mg/kg	3.3		1.1	4.4		1.4	2.4		1.2

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0202-1416			KK-0202-1820			KK-0203-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1	U	1
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1	U	1
Acenaphthylene		mg/kg	1.4	U	1.4	1.3	U	1.3	1	U	1
Acenaphthene		mg/kg	1.4	U	1.4	1.3	U	1.3	1	U	1
Fluorene		mg/kg	1.4	U	1.4	1.3	U	1.3	1	U	1
Phenanthrene		mg/kg	13		1.4	5.4		1.3	7.3		1
Anthracene		mg/kg	2.4		1.4	1.3	U	1.3	1.5		1
Fluoranthene		mg/kg	24		1.4	10		1.3	11		1
Pyrene		mg/kg	19		1.4	8.2		1.3	9		1
Benzo(a)anthracene		mg/kg	7.4		0.56	3.5		0.53	3.4		0.4
Chrysene		mg/kg	10		1.4	4.3		1.3	4.8		1
Benzo(b)fluoranthene		mg/kg	9.3		0.56	4		0.53	4.4		0.4
Benzo(k)fluoranthene		mg/kg	3.8		1.4	1.7		1.3	1.5		1
Benzo(a)pyrene		mg/kg	7.9		0.56	3.4		0.53	3.9		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	6.1		0.56	2		0.53	3.1		0.4
Dibenzo(a,h)anthracene		mg/kg	1.4		0.56	0.53	U	0.53	0.69		0.4
Benzo(g,h,i)perylene		mg/kg	5.6		1.4	1.8		1.3	2.9		1

Semi-Volatile Organic Compound	8270	units	KK-0203-0002D			KK-0203-0204			KK-0203-0204D		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Acenaphthylene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Acenaphthene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Fluorene		mg/kg	1.1	U	1.1	1	U	1	1	U	1
Phenanthrene		mg/kg	12		1.1	3.9		1	6.4		1
Anthracene		mg/kg	3		1.1	1	U	1	1.5		1
Fluoranthene		mg/kg	22		1.1	6.6		1	11		1
Pyrene		mg/kg	18		1.1	5.4		1	8		1
Benzo(a)anthracene		mg/kg	6.9		0.43	2.2		0.4	3.9		0.4
Chrysene		mg/kg	8.9		1.1	2.9		1	4.6		1
Benzo(b)fluoranthene		mg/kg	7.7		0.43	2.7		0.4	5.4		0.4
Benzo(k)fluoranthene		mg/kg	4.7		1.1	1.4		1	1.8		1
Benzo(a)pyrene		mg/kg	7.3		0.43	2.5		0.4	4.3		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	5.2		0.43	1.8		0.4	2.6		0.4
Dibenzo(a,h)anthracene		mg/kg	1.3		0.43	0.4	U	0.4	0.71		0.4
Benzo(g,h,i)perylene		mg/kg	4.5		1.1	1.7		1	2.8		1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0203-0406			KK-0203-0406D			KK-0203-0608		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.2	U	1.2	1.1	U	1.1	1.1	U	1.1
2-Methylnaphthalene		mg/kg	1.2	U	1.2	1.1	U	1.1	1.1	U	1.1
Acenaphthylene		mg/kg	1.2	U	1.2	1.1	U	1.1	1.1	U	1.1
Acenaphthene		mg/kg	1.2	U	1.2	1.1	U	1.1	1.1	U	1.1
Fluorene		mg/kg	1.2	U	1.2	1.1	U	1.1	1.1	U	1.1
Phenanthrene		mg/kg	4.1		1.2	7.8		1.1	5.7		1.1
Anthracene		mg/kg	1.2	U	1.2	1.7		1.1	1.2		1.1
Fluoranthene		mg/kg	7.4		1.2	14		1.1	9.9		1.1
Pyrene		mg/kg	5.9		1.2	11		1.1	7.6		1.1
Benzo(a)anthracene		mg/kg	2.3		0.46	5		0.43	3		0.43
Chrysene		mg/kg	3.3		1.2	6.8		1.1	4.4		1.1
Benzo(b)fluoranthene		mg/kg	2.9		0.46	7.4		0.43	3.7		0.43
Benzo(k)fluoranthene		mg/kg	1.6		1.2	2.1		1.1	2.2		1.1
Benzo(a)pyrene		mg/kg	2.8		0.46	5.8		0.43	3.7		0.43
Indeno(1,2,3-cd)pyrene		mg/kg	2		0.46	3.4		0.43	2.5		0.43
Dibenzo(a,h)anthracene		mg/kg	0.46	U	0.46	0.99		0.43	0.54		0.43
Benzo(g,h,i)perylene		mg/kg	1.9		1.2	3.7		1.1	2.2		1.1

Semi-Volatile Organic Compound	8270	units	KK-0203-0608D			KK-0203-0810			KK-0203-0810D		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Acenaphthylene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Acenaphthene		mg/kg	1.1	U	1.1	1.4	U	1.4	1.2	U	1.2
Fluorene		mg/kg	1.4		1.1	1.7		1.4	1.2	U	1.2
Phenanthrene		mg/kg	11		1.1	14		1.4	4.5		1.2
Anthracene		mg/kg	2.2		1.1	2.5		1.4	1.2	U	1.2
Fluoranthene		mg/kg	17		1.1	21		1.4	6.4		1.2
Pyrene		mg/kg	15		1.1	17		1.4	5.3		1.2
Benzo(a)anthracene		mg/kg	6.1		0.43	6.9		0.56	2.4		0.49
Chrysene		mg/kg	8.8		1.1	9.1		1.4	2.9		1.2
Benzo(b)fluoranthene		mg/kg	9		0.43	8.3		0.56	3.3		0.49
Benzo(k)fluoranthene		mg/kg	2.7		1.1	3.8		1.4	1.2	U	1.2
Benzo(a)pyrene		mg/kg	6.6		0.43	7.3		0.56	2.3		0.49
Indeno(1,2,3-cd)pyrene		mg/kg	4.1		0.43	4.9		0.56	1.3		0.49
Dibenzo(a,h)anthracene		mg/kg	1.1		0.43	1.2		0.56	0.49	U	0.49
Benzo(g,h,i)perylene		mg/kg	4.2		1.1	4.2		1.4	1.3		1.2

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0203-1012			KK-0203-1012D			KK-0203-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1.3	U	1.3	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1.3	U	1.3	1.2	U	1.2
Acenaphthylene		mg/kg	1.1	U	1.1	1.3	U	1.3	1.2	U	1.2
Acenaphthene		mg/kg	1.1	U	1.1	2.6		1.3	1.2	U	1.2
Fluorene		mg/kg	1.5		1.1	3.8		1.3	1.2	U	1.2
Phenanthrene		mg/kg	12		1.1	31		1.3	8.1		1.2
Anthracene		mg/kg	2.4		1.1	6.1		1.3	1.5		1.2
Fluoranthene		mg/kg	19		1.1	52		1.3	13		1.2
Pyrene		mg/kg	15		1.1	41		1.3	11		1.2
Benzo(a)anthracene		mg/kg	6.5		0.43	17		0.53	4.1		0.46
Chrysene		mg/kg	8.3		1.1	22		1.3	5.9		1.2
Benzo(b)fluoranthene		mg/kg	8.3		0.43	19		0.53	5.5		0.46
Benzo(k)fluoranthene		mg/kg	3.1		1.1	10		1.3	2.4		1.2
Benzo(a)pyrene		mg/kg	6.5		0.43	16		0.53	4.5		0.46
Indeno(1,2,3-cd)pyrene		mg/kg	4.6		0.43	11		0.53	3		0.46
Dibenzo(a,h)anthracene		mg/kg	1.2		0.43	2.8		0.53	0.7		0.46
Benzo(g,h,i)perylene		mg/kg	3.8		1.1	9.2		1.3	2.5		1.2

Semi-Volatile Organic Compound	8270	units	KK-0203-1214D			KK-0204-0002			KK-0204-0204		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.2	U	1.2	1	U	1	0.83	U	0.83
2-Methylnaphthalene		mg/kg	1.2	U	1.2	1	U	1	0.83	U	0.83
Acenaphthylene		mg/kg	1.2	U	1.2	1	U	1	0.83	U	0.83
Acenaphthene		mg/kg	1.4		1.2	1	U	1	0.83	U	0.83
Fluorene		mg/kg	2.3		1.2	1	U	1	0.83	U	0.83
Phenanthrene		mg/kg	16		1.2	2.4		1	2.2		0.83
Anthracene		mg/kg	3.4		1.2	1	U	1	0.83	U	0.83
Fluoranthene		mg/kg	26		1.2	4.8		1	4.9		0.83
Pyrene		mg/kg	20		1.2	3.9		1	4		0.83
Benzo(a)anthracene		mg/kg	7.7		0.46	1.9		0.4	1.8		0.33
Chrysene		mg/kg	12		1.2	2		1	2.2		0.83
Benzo(b)fluoranthene		mg/kg	12		0.46	1.8		0.4	1.8		0.33
Benzo(k)fluoranthene		mg/kg	3.5		1.2	1	U	1	0.92		0.83
Benzo(a)pyrene		mg/kg	7.7		0.46	1.7		0.4	1.7		0.33
Indeno(1,2,3-cd)pyrene		mg/kg	4.1		0.46	1.2		0.4	1.3		0.33
Dibenzo(a,h)anthracene		mg/kg	1.2		0.46	0.4	U	0.4	0.33	U	0.33
Benzo(g,h,i)perylene		mg/kg	4.2		1.2	1.2		1	1.1		0.83

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0204-0406			KK-0204-0608			KK-0204-0810		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.2	U	1.2	1	U	1	0.68	U	0.68
2-Methylnaphthalene		mg/kg	1.2	U	1.2	1	U	1	0.68	U	0.68
Acenaphthylene		mg/kg	1.2	U	1.2	1	U	1	0.68	U	0.68
Acenaphthene		mg/kg	1.2	U	1.2	1	U	1	0.68	U	0.68
Fluorene		mg/kg	1.6		1.2	1.2		1	0.75		0.68
Phenanthrene		mg/kg	14		1.2	10		1	7.3		0.68
Anthracene		mg/kg	2.7		1.2	2.1		1	1.4		0.68
Fluoranthene		mg/kg	21		1.2	15		1	12		0.68
Pyrene		mg/kg	16		1.2	12		1	9.7		0.68
Benzo(a)anthracene		mg/kg	6.7		0.49	4.8		0.4	3.7		0.33
Chrysene		mg/kg	9.6		1.2	6.8		1	5.5		0.68
Benzo(b)fluoranthene		mg/kg	7.8		0.49	5		0.4	3.8		0.33
Benzo(k)fluoranthene		mg/kg	2.7		1.2	2.7		1	2.1		0.68
Benzo(a)pyrene		mg/kg	6.6		0.49	4.7		0.4	3.6		0.33
Indeno(1,2,3-cd)pyrene		mg/kg	4.7		0.49	3.2		0.4	2.9		0.33
Dibenzo(a,h)anthracene		mg/kg	1.3		0.49	0.83		0.4	0.71		0.33
Benzo(g,h,i)perylene		mg/kg	4.3		1.2	2.9		1	2.8		0.68

Semi-Volatile Organic Compound	8270	units	KK-0204-1012			KK-0204-1214			KK-0204-1416		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	0.67	U	0.67	0.55	U	0.55
2-Methylnaphthalene		mg/kg	1.1	U	1.1	0.67	U	0.67	0.55	U	0.55
Acenaphthylene		mg/kg	1.1	U	1.1	0.67	U	0.67	0.55	U	0.55
Acenaphthene		mg/kg	1.1	U	1.1	0.72		0.67	0.55	U	0.55
Fluorene		mg/kg	1.4		1.1	1		0.67	0.55	U	0.55
Phenanthrene		mg/kg	9		1.1	9.1		0.67	4.1		0.55
Anthracene		mg/kg	2.2		1.1	2		0.67	0.78		0.55
Fluoranthene		mg/kg	11		1.1	15		0.67	7.1		0.55
Pyrene		mg/kg	9		1.1	12		0.67	5.7		0.55
Benzo(a)anthracene		mg/kg	3.4		0.43	4.9		0.33	2.5		0.33
Chrysene		mg/kg	4.7		1.1	6.2		0.67	3.2		0.55
Benzo(b)fluoranthene		mg/kg	3.2		0.43	4.7		0.33	2.5		0.33
Benzo(k)fluoranthene		mg/kg	1.9		1.1	2.5		0.67	1.1		0.55
Benzo(a)pyrene		mg/kg	3		0.43	4.6		0.33	2.4		0.33
Indeno(1,2,3-cd)pyrene		mg/kg	2		0.43	3.5		0.33	1.8		0.33
Dibenzo(a,h)anthracene		mg/kg	0.53		0.43	0.9		0.33	0.43		0.33
Benzo(g,h,i)perylene		mg/kg	2		1.1	3.3		0.67	1.7		0.55

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0205-0002			KK-0205-0204			KK-0205-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthylene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Fluorene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Phenanthrene		mg/kg	1.4	U	1.4	2.7		1.3	3.8		1.3
Anthracene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Fluoranthene		mg/kg	2.7		1.4	5.6		1.3	6.2		1.3
Pyrene		mg/kg	2.1		1.4	4.5		1.3	4.9		1.3
Benzo(a)anthracene		mg/kg	0.89		0.56	1.6		0.53	1.9		0.53
Chrysene		mg/kg	1.4	U	1.4	2.4		1.3	2.3		1.3
Benzo(b)fluoranthene		mg/kg	1.1		0.56	2.2		0.53	2.2		0.53
Benzo(k)fluoranthene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Benzo(a)pyrene		mg/kg	0.97		0.56	2		0.53	2		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	0.71		0.56	1.6		0.53	1.5		0.53
Dibenzo(a,h)anthracene		mg/kg	0.56	U	0.56	0.53	U	0.53	0.53	U	0.53
Benzo(g,h,i)perylene		mg/kg	1.4	U	1.4	1.6		1.3	1.4		1.3

Semi-Volatile Organic Compound	8270	units	KK-0205-0608			KK-0205-0810			KK-0205-1012		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	0.83	U	1.3	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.3	U	1.3	0.83	U	1.3	1.2	U	1.2
Acenaphthylene		mg/kg	1.3	U	1.3	0.83	U	1.3	1.2	U	1.2
Acenaphthene		mg/kg	1.3	U	1.3	0.83	U	1.3	1.2	U	1.2
Fluorene		mg/kg	1.3	U	1.3	0.83	U	1.3	1.6		1.2
Phenanthrene		mg/kg	8.1		1.3	2.2		1.3	14		1.2
Anthracene		mg/kg	1.5		1.3	0.83	U	1.3	2.7		1.2
Fluoranthene		mg/kg	13		1.3	4.9		1.3	21		1.2
Pyrene		mg/kg	11		1.3	4		1.3	16		1.2
Benzo(a)anthracene		mg/kg	4.1		0.53	1.8		0.53	6.7		0.49
Chrysene		mg/kg	5.9		1.3	2.2		1.3	9.6		1.2
Benzo(b)fluoranthene		mg/kg	4.9		0.53	1.8		0.53	7.8		0.49
Benzo(k)fluoranthene		mg/kg	3		1.3	0.92		1.3	2.7		1.2
Benzo(a)pyrene		mg/kg	5		0.53	1.7		0.53	6.6		0.49
Indeno(1,2,3-cd)pyrene		mg/kg	4.1		0.53	1.3		0.53	4.7		0.49
Dibenzo(a,h)anthracene		mg/kg	0.89		0.53	0.33	U	0.53	1.3		0.49
Benzo(g,h,i)perylene		mg/kg	4.1		1.3	1.1		1.3	4.3		1.2

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0205-1214			KK-0205-1416			KK-0206-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1	U	1	0.68	U	0.68	1.1	U	1.1
2-Methylnaphthalene		mg/kg	1	U	1	0.68	U	0.68	1.1	U	1.1
Acenaphthylene		mg/kg	1	U	1	0.68	U	0.68	1.1	U	1.1
Acenaphthene		mg/kg	1	U	1	0.68	U	0.68	1.1	U	1.1
Fluorene		mg/kg	1.2		1	0.75		0.68	1.4		1.1
Phenanthrene		mg/kg	10		1	7.3		0.68	9		1.1
Anthracene		mg/kg	2.1		1	1.4		0.68	2.2		1.1
Fluoranthene		mg/kg	15		1	12		0.68	11		1.1
Pyrene		mg/kg	12		1	9.7		0.68	9		1.1
Benzo(a)anthracene		mg/kg	4.8		0.4	3.7		0.33	3.4		0.43
Chrysene		mg/kg	6.8		1	5.5		0.68	4.7		1.1
Benzo(b)fluoranthene		mg/kg	5		0.4	3.8		0.33	3.2		0.43
Benzo(k)fluoranthene		mg/kg	2.7		1	2.1		0.68	1.9		1.1
Benzo(a)pyrene		mg/kg	4.7		0.4	3.6		0.33	3		0.43
Indeno(1,2,3-cd)pyrene		mg/kg	3.2		0.4	2.9		0.33	2		0.43
Dibenzo(a,h)anthracene		mg/kg	0.83		0.4	0.71		0.33	0.53		0.43
Benzo(g,h,i)perylene		mg/kg	2.9		1	2.8		0.68	2		1.1

Semi-Volatile Organic Compound	8270	units	KK-0206-0204			KK-0206-0406			KK-0206-0608		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	0.67	U	0.67	0.55	U	0.55	1.1	U	1.1
2-Methylnaphthalene		mg/kg	0.67	U	0.67	0.55	U	0.55	1.1	U	1.1
Acenaphthylene		mg/kg	0.67	U	0.67	0.55	U	0.55	1.1	U	1.1
Acenaphthene		mg/kg	0.72		0.67	0.55	U	0.55	1.1	U	1.1
Fluorene		mg/kg	1		0.67	0.55	U	0.55	1.1	U	1.1
Phenanthrene		mg/kg	9.1		0.67	4.1		0.55	8.3		1.1
Anthracene		mg/kg	2		0.67	0.78		0.55	2		1.1
Fluoranthene		mg/kg	15		0.67	7.1		0.55	13		1.1
Pyrene		mg/kg	12		0.67	5.7		0.55	10		1.1
Benzo(a)anthracene		mg/kg	4.9		0.33	2.5		0.33	4.2		0.43
Chrysene		mg/kg	6.2		0.67	3.2		0.55	5.5		1.1
Benzo(b)fluoranthene		mg/kg	4.7		0.33	2.5		0.33	4		0.43
Benzo(k)fluoranthene		mg/kg	2.5		0.67	1.1		0.55	2.3		1.1
Benzo(a)pyrene		mg/kg	4.6		0.33	2.4		0.33	3.9		0.43
Indeno(1,2,3-cd)pyrene		mg/kg	3.5		0.33	1.8		0.33	2.4		0.43
Dibenzo(a,h)anthracene		mg/kg	0.9		0.33	0.43		0.33	0.58		0.43
Benzo(g,h,i)perylene		mg/kg	3.3		0.67	1.7		0.55	2.2		1.1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0206-0810			KK-0206-1012			KK-0206-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1	U	1	1	U	1	1	U	1
2-Methylnaphthalene		mg/kg	1	U	1	1	U	1	1	U	1
Acenaphthylene		mg/kg	1	U	1	1	U	1	1	U	1
Acenaphthene		mg/kg	1	U	1	1	U	1	1.3		1
Fluorene		mg/kg	1	U	1	1	U	1	1.7		1
Phenanthrene		mg/kg	1.4		1	6.1		1	13		1
Anthracene		mg/kg	1	U	1	1.7		1	3.1		1
Fluoranthene		mg/kg	2.6		1	9		1	15		1
Pyrene		mg/kg	2.1		1	7		1	12		1
Benzo(a)anthracene		mg/kg	0.88		0.4	2.8		0.4	5.4		0.4
Chrysene		mg/kg	1.2		1	3.4		1	6.3		1
Benzo(b)fluoranthene		mg/kg	0.92		0.4	2.5		0.4	5.2		0.4
Benzo(k)fluoranthene		mg/kg	1	U	1	1.4		1	2.6		1
Benzo(a)pyrene		mg/kg	0.8		0.4	2.4		0.4	5.3		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	0.45		0.4	1.2		0.4	3.8		0.4
Dibenzo(a,h)anthracene		mg/kg	0.4	U	0.4	0.4	U	0.4	0.92		0.4
Benzo(g,h,i)perylene		mg/kg	1	U	1	1.1		1	3.6		1

Semi-Volatile Organic Compound	8270	units	KK-0206-1416			KK-0206-1618			KK-0207-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
2-Methylnaphthalene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Acenaphthylene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Acenaphthene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Fluorene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Phenanthrene		mg/kg	0.33	U	0.33	1.4	U	1.4	2.7		1.3
Anthracene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Fluoranthene		mg/kg	0.33		0.33	2.7		1.4	5.6		1.3
Pyrene		mg/kg	0.33	U	0.33	2.1		1.4	4.5		1.3
Benzo(a)anthracene		mg/kg	0.33	U	0.33	0.89		0.56	1.6		0.53
Chrysene		mg/kg	0.33	U	0.33	1.4	U	1.4	2.4		1.3
Benzo(b)fluoranthene		mg/kg	0.33	U	0.33	1.1		0.56	2.2		0.53
Benzo(k)fluoranthene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.3	U	1.3
Benzo(a)pyrene		mg/kg	0.33	U	0.33	0.97		0.56	2		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	0.33	U	0.33	0.71		0.56	1.6		0.53
Dibenzo(a,h)anthracene		mg/kg	0.33	U	0.33	0.56	U	0.56	0.53	U	0.53
Benzo(g,h,i)perylene		mg/kg	0.33	U	0.33	1.4	U	1.4	1.6		1.3

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0207-0608			KK-0207-0810			KK-0207R-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	1.2	U	1.2	1	U	1
2-Methylnaphthalene		mg/kg	1.3	U	1.3	1.2	U	1.2	1	U	1
Acenaphthylene		mg/kg	1.3	U	1.3	1.2	U	1.2	1	U	1
Acenaphthene		mg/kg	1.3	U	1.3	1.3		1.2	1	U	1
Fluorene		mg/kg	1.3	U	1.3	1.8		1.2	1	U	1
Phenanthrene		mg/kg	3.8		1.3	15		1.2	1.8		1
Anthracene		mg/kg	1.3	U	1.3	3		1.2	1	U	1
Fluoranthene		mg/kg	6.2		1.3	23		1.2	3.8		1
Pyrene		mg/kg	4.9		1.3	18		1.2	3		1
Benzo(a)anthracene		mg/kg	1.9		0.53	6.8		0.49	1.3		0.4
Chrysene		mg/kg	2.3		1.3	9.5		1.2	1.5		1
Benzo(b)fluoranthene		mg/kg	2.2		0.53	8.7		0.49	1.3		0.4
Benzo(k)fluoranthene		mg/kg	1.3	U	1.3	3.3		1.2	1	U	1
Benzo(a)pyrene		mg/kg	2		0.53	7.7		0.49	1.3		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	1.5		0.53	5.9		0.49	0.91		0.4
Dibenzo(a,h)anthracene		mg/kg	0.53	U	0.53	1.5		0.49	0.4	U	0.4
Benzo(g,h,i)perylene		mg/kg	1.4		1.3	5.3		1.2	1	U	1

Semi-Volatile Organic Compound	8270	units	KK-0207R-0406			KK-0207R-0608			KK-0207R-0810		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.2	U	1.2	1.5	U	1.5
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.2	U	1.2	1.5	U	1.5
Acenaphthylene		mg/kg	1.4	U	1.4	1.2	U	1.2	1.5	U	1.5
Acenaphthene		mg/kg	1.4	U	1.4	1.2	U	1.2	1.5	U	1.5
Fluorene		mg/kg	1.6		1.4	1.2	U	1.2	1.5	U	1.5
Phenanthrene		mg/kg	15		1.4	9.3		1.2	6.5		1.5
Anthracene		mg/kg	2.8		1.4	2.1		1.2	1.5	U	1.5
Fluoranthene		mg/kg	27		1.4	17		1.2	12		1.5
Pyrene		mg/kg	22		1.4	14		1.2	9.7		1.5
Benzo(a)anthracene		mg/kg	7.9		0.56	5.2		0.49	3.4		0.59
Chrysene		mg/kg	11		1.4	7.1		1.2	5.5		1.5
Benzo(b)fluoranthene		mg/kg	10		0.56	5.7		0.49	4.7		0.59
Benzo(k)fluoranthene		mg/kg	4.9		1.4	3.5		1.2	2		1.5
Benzo(a)pyrene		mg/kg	8.8		0.56	5.6		0.49	3.9		0.59
Indeno(1,2,3-cd)pyrene		mg/kg	7.9		0.56	4.6		0.49	3.2		0.59
Dibenzo(a,h)anthracene		mg/kg	2		0.56	1.2		0.49	0.73		0.59
Benzo(g,h,i)perylene		mg/kg	7.9		1.4	4.3		1.2	3.2		1.5

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0208-0204			KK-0208-0608			KK-0208-0810		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1	1.2	U	1.2	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.1	U	1.1	1.2	U	1.2	1.3	U	1.3
Acenaphthylene		mg/kg	1.1	U	1.1	1.2	U	1.2	1.3	U	1.3
Acenaphthene		mg/kg	1.1	U	1.1	1.2	U	1.2	1.4		1.3
Fluorene		mg/kg	1.1	U	1.1	1.4		1.2	1.8		1.3
Phenanthrene		mg/kg	2		1.1	13		1.2	15		1.3
Anthracene		mg/kg	1.1	U	1.1	2.3		1.2	2.4		1.3
Fluoranthene		mg/kg	4.5		1.1	20		1.2	20		1.3
Pyrene		mg/kg	3.5		1.1	15		1.2	15		1.3
Benzo(a)anthracene		mg/kg	1.5		0.43	6.5		0.46	5.9		0.53
Chrysene		mg/kg	2		1.1	7.7		1.2	8.5		1.3
Benzo(b)fluoranthene		mg/kg	1.7		0.43	7.4		0.46	6.7		0.53
Benzo(k)fluoranthene		mg/kg	1.1	U	1.1	3		1.2	4		1.3
Benzo(a)pyrene		mg/kg	1.6		0.43	6.5		0.46	6.5		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	1.1		0.43	4.7		0.46	4.5		0.53
Dibenzo(a,h)anthracene		mg/kg	0.43	U	0.43	1.1		0.46	1.2		0.53
Benzo(g,h,i)perylene		mg/kg	1.1	U	1.1	4.3		1.2	4		1.3

Semi-Volatile Organic Compound	8270	units	KK-0208-1012			KK-0208-1214			KK-0209-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.2	U	1.2	1.3	U	1.3	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.2	U	1.2	1.3	U	1.3	1.2	U	1.2
Acenaphthylene		mg/kg	1.2	U	1.2	1.3	U	1.3	1.2	U	1.2
Acenaphthene		mg/kg	1.2	U	1.2	1.3	U	1.3	2		1.2
Fluorene		mg/kg	1.2	U	1.2	1.6		1.3	2.2		1.2
Phenanthrene		mg/kg	7.5		1.2	14		1.3	22		1.2
Anthracene		mg/kg	1.4		1.2	2.8		1.3	4.3		1.2
Fluoranthene		mg/kg	12		1.2	23		1.3	38		1.2
Pyrene		mg/kg	9.1		1.2	18		1.3	29		1.2
Benzo(a)anthracene		mg/kg	3.8		0.49	7.5		0.53	11		0.49
Chrysene		mg/kg	5		1.2	10		1.3	14		1.2
Benzo(b)fluoranthene		mg/kg	4.1		0.49	8.8		0.53	12		0.49
Benzo(k)fluoranthene		mg/kg	2.1		1.2	3.9		1.3	6.5		1.2
Benzo(a)pyrene		mg/kg	3.7		0.49	7.6		0.53	12		0.49
Indeno(1,2,3-cd)pyrene		mg/kg	2.6		0.49	6.5		0.53	8.5		0.49
Dibenzo(a,h)anthracene		mg/kg	0.59		0.49	1.7		0.53	1.9		0.49
Benzo(g,h,i)perylene		mg/kg	2.2		1.2	6.2		1.3	7.6		1.2

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0209-0204			KK-0209-0406			KK-0209-0608		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.5	U	1.5
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.5	U	1.5
Acenaphthylene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.5	U	1.5
Acenaphthene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.5	U	1.5
Fluorene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.5	U	1.5
Phenanthrene		mg/kg	9.1		1.4	8.4		1.4	11		1.5
Anthracene		mg/kg	2.1		1.4	1.6		1.4	2.2		1.5
Fluoranthene		mg/kg	15		1.4	15		1.4	19		1.5
Pyrene		mg/kg	12		1.4	12		1.4	16		1.5
Benzo(a)anthracene		mg/kg	4.7		0.56	4.3		0.56	6.1		0.59
Chrysene		mg/kg	5.6		1.4	5.5		1.4	8.3		1.5
Benzo(b)fluoranthene		mg/kg	5.2		0.56	4.8		0.56	7.9		0.59
Benzo(k)fluoranthene		mg/kg	2.4		1.4	2.4		1.4	4.5		1.5
Benzo(a)pyrene		mg/kg	4.9		0.56	4.5		0.56	8		0.59
Indeno(1,2,3-cd)pyrene		mg/kg	3.3		0.56	3.7		0.56	6.5		0.59
Dibenzo(a,h)anthracene		mg/kg	0.68		0.56	0.77		0.56	1.7		0.59
Benzo(g,h,i)perylene		mg/kg	3		1.4	3.7		1.4	6.1		1.5

Semi-Volatile Organic Compound	8270	units	KK-0209-0810			KK-0209-1012			KK-0209-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
Acenaphthylene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
Acenaphthene		mg/kg	1.3	U	1.3	2.8		1.4	1.4		1.3
Fluorene		mg/kg	1.4		1.3	3.4		1.4	1.9		1.3
Phenanthrene		mg/kg	13		1.3	30		1.4	15		1.3
Anthracene		mg/kg	2.4		1.3	5.9		1.4	3		1.3
Fluoranthene		mg/kg	20		1.3	46		1.4	22		1.3
Pyrene		mg/kg	16		1.3	37		1.4	18		1.3
Benzo(a)anthracene		mg/kg	5.7		0.53	15		0.56	6.8		0.53
Chrysene		mg/kg	7.8		1.3	17		1.4	9.1		1.3
Benzo(b)fluoranthene		mg/kg	6.7		0.53	18		0.56	7.6		0.53
Benzo(k)fluoranthene		mg/kg	3.9		1.3	7.9		1.4	4.3		1.3
Benzo(a)pyrene		mg/kg	6.7		0.53	17		0.56	7.5		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	4.9		0.53	13		0.56	5.4		0.53
Dibenzo(a,h)anthracene		mg/kg	1.2		0.53	3.2		0.56	1.4		0.53
Benzo(g,h,i)perylene		mg/kg	4.8		1.3	11		1.4	4.8		1.3

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0209-1416			KK-0209-2022			KK-0209-2224		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.2	U	1.2	1.2	U	1.2	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.2	U	1.2	1.2	U	1.2	1.3	U	1.3
Acenaphthylene		mg/kg	1.2	U	1.2	1.2	U	1.2	1.3	U	1.3
Acenaphthene		mg/kg	2.3		1.2	1.2	U	1.2	1.3	U	1.3
Fluorene		mg/kg	3.2		1.2	1.2	U	1.2	1.3	U	1.3
Phenanthrene		mg/kg	24		1.2	4.9		1.2	8.8		1.3
Anthracene		mg/kg	4.7		1.2	1.2	U	1.2	1.9		1.3
Fluoranthene		mg/kg	37		1.2	9.3		1.2	15		1.3
Pyrene		mg/kg	28		1.2	7.6		1.2	13		1.3
Benzo(a)anthracene		mg/kg	12		0.49	3		0.49	5.1		0.53
Chrysene		mg/kg	15		1.2	4		1.2	6.5		1.3
Benzo(b)fluoranthene		mg/kg	14		0.49	3.6		0.49	5.1		0.53
Benzo(k)fluoranthene		mg/kg	6.9		1.2	1.7		1.2	3		1.3
Benzo(a)pyrene		mg/kg	12		0.49	3.1		0.49	5.3		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	8.4		0.49	2.2		0.49	3.7		0.53
Dibenzo(a,h)anthracene		mg/kg	2.4		0.49	0.49	U	0.49	1		0.53
Benzo(g,h,i)perylene		mg/kg	7		1.2	2.2		1.2	3.6		1.3

Semi-Volatile Organic Compound	8270	units	KK-0210-0002			KK-0210-0204			KK-0210-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthylene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Fluorene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Phenanthrene		mg/kg	3.8		1.4	4.3		1.3	7.9		1.3
Anthracene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.6		1.3
Fluoranthene		mg/kg	7.3		1.4	7.8		1.3	13		1.3
Pyrene		mg/kg	5.9		1.4	6.5		1.3	9.8		1.3
Benzo(a)anthracene		mg/kg	2.3		0.56	2.4		0.53	3.7		0.53
Chrysene		mg/kg	3.3		1.4	3.5		1.3	5.7		1.3
Benzo(b)fluoranthene		mg/kg	2.7		0.56	3		0.53	4.9		0.53
Benzo(k)fluoranthene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.9		1.3
Benzo(a)pyrene		mg/kg	2.4		0.56	2.7		0.53	4.1		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	1.7		0.56	1.8		0.53	3.3		0.53
Dibenzo(a,h)anthracene		mg/kg	0.56	U	0.56	0.53	U	0.53	0.76		0.53
Benzo(g,h,i)perylene		mg/kg	1.6		1.4	1.7		1.3	3.1		1.3

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0210-0608			KK-0210-0810			KK-0210-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
Acenaphthylene		mg/kg	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
Acenaphthene		mg/kg	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
Fluorene		mg/kg	1.3	U	1.3	1.8		1.3	1.3	U	1.3
Phenanthrene		mg/kg	7		1.3	14		1.3	7.4		1.3
Anthracene		mg/kg	1.4		1.3	2.5		1.3	1.8		1.3
Fluoranthene		mg/kg	12		1.3	21		1.3	13		1.3
Pyrene		mg/kg	10		1.3	16		1.3	11		1.3
Benzo(a)anthracene		mg/kg	3.7		0.53	6		0.53	4		0.53
Chrysene		mg/kg	5.6		1.3	8.9		1.3	6.3		1.3
Benzo(b)fluoranthene		mg/kg	4.7		0.53	7.7		0.53	5.4		0.53
Benzo(k)fluoranthene		mg/kg	1.9		1.3	2.8		1.3	1.9		1.3
Benzo(a)pyrene		mg/kg	4.2		0.53	6.3		0.53	4.5		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	3.3		0.53	4.4		0.53	3.7		0.53
Dibenzo(a,h)anthracene		mg/kg	0.77		0.53	1.1		0.53	0.99		0.53
Benzo(g,h,i)perylene		mg/kg	3.4		1.3	3.8		1.3	3.5		1.3

Semi-Volatile Organic Compound	8270	units	KK-0211-0002			KK-0211-0204			KK-0211-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.5	U	1.5	1.4	U	1.4	1.2	U	1.2
2-Methylnaphthalene		mg/kg	1.5	U	1.5	1.4	U	1.4	1.2	U	1.2
Acenaphthylene		mg/kg	1.5	U	1.5	1.4	U	1.4	1.2	U	1.2
Acenaphthene		mg/kg	2		1.5	1.4	U	1.4	1.2	U	1.2
Fluorene		mg/kg	2.5		1.5	1.4	U	1.4	1.3		1.2
Phenanthrene		mg/kg	23		1.5	9.1		1.4	12		1.2
Anthracene		mg/kg	4.7		1.5	1.8		1.4	2		1.2
Fluoranthene		mg/kg	39		1.5	15		1.4	19		1.2
Pyrene		mg/kg	31		1.5	12		1.4	15		1.2
Benzo(a)anthracene		mg/kg	12		0.59	4.2		0.56	6.2		0.49
Chrysene		mg/kg	15		1.5	6		1.4	7.5		1.2
Benzo(b)fluoranthene		mg/kg	14		0.59	5.7		0.56	7.2		0.49
Benzo(k)fluoranthene		mg/kg	7.1		1.5	2.1		1.4	3.5		1.2
Benzo(a)pyrene		mg/kg	13		0.59	5.2		0.56	6.9		0.49
Indeno(1,2,3-cd)pyrene		mg/kg	11		0.59	4.4		0.56	5.9		0.49
Dibenzo(a,h)anthracene		mg/kg	2.6		0.59	1		0.56	1.5		0.49
Benzo(g,h,i)perylene		mg/kg	10		1.5	4.6		1.4	5.8		1.2

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0211-0608			KK-0211-0810			KK-0211-1012		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
Acenaphthylene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
Acenaphthene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
Fluorene		mg/kg	1.4	U	1.4	1.6		1.4	1.6		1.3
Phenanthrene		mg/kg	7.8		1.4	13		1.4	12		1.3
Anthracene		mg/kg	1.5		1.4	2.6		1.4	2.5		1.3
Fluoranthene		mg/kg	13		1.4	23		1.4	20		1.3
Pyrene		mg/kg	10		1.4	18		1.4	16		1.3
Benzo(a)anthracene		mg/kg	3.6		0.56	7.5		0.56	6.4		0.53
Chrysene		mg/kg	5.3		1.4	9.9		1.4	9.5		1.3
Benzo(b)fluoranthene		mg/kg	4.4		0.56	8.9		0.56	8.2		0.53
Benzo(k)fluoranthene		mg/kg	2.8		1.4	4.6		1.4	3.2		1.3
Benzo(a)pyrene		mg/kg	4.2		0.56	7.8		0.56	7		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	3.3		0.56	6.8		0.56	5.6		0.53
Dibenzo(a,h)anthracene		mg/kg	0.65		0.56	1.7		0.56	1.5		0.53
Benzo(g,h,i)perylene		mg/kg	3.2		1.4	6.4		1.4	5.2		1.3

Semi-Volatile Organic Compound	8270	units	KK-0212-0002			KK-0212-0204			KK-0212-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
Acenaphthylene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.3	U	1.3
Acenaphthene		mg/kg	1.7		1.4	1.4	U	1.4	1.3	U	1.3
Fluorene		mg/kg	2		1.4	1.4	U	1.4	1.7		1.3
Phenanthrene		mg/kg	19		1.4	8.5		1.4	16		1.3
Anthracene		mg/kg	3.5		1.4	1.7		1.4	3.2		1.3
Fluoranthene		mg/kg	34		1.4	16		1.4	27		1.3
Pyrene		mg/kg	26		1.4	13		1.4	21		1.3
Benzo(a)anthracene		mg/kg	9.1		0.56	4.9		0.56	8.1		0.53
Chrysene		mg/kg	13		1.4	7.6		1.4	10		1.3
Benzo(b)fluoranthene		mg/kg	12		0.56	6		0.56	10		0.53
Benzo(k)fluoranthene		mg/kg	4.7		1.4	3.7		1.4	4.9		1.3
Benzo(a)pyrene		mg/kg	11		0.56	5.7		0.56	9.1		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	8.4		0.56	4.5		0.56	6		0.53
Dibenzo(a,h)anthracene		mg/kg	1.9		0.56	1.2		0.56	1.5		0.53
Benzo(g,h,i)perylene		mg/kg	7.6		1.4	4.5		1.4	5.5		1.3

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0212-0608			KK-0212-0810			KK-0212-1012		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.4	U	1.4
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.4	U	1.4
Acenaphthylene		mg/kg	1.4	U	1.4	1.4	U	1.4	1.4	U	1.4
Acenaphthene		mg/kg	2.1		1.4	1.4	U	1.4	1.6		1.4
Fluorene		mg/kg	2.4		1.4	1.6		1.4	1.9		1.4
Phenanthrene		mg/kg	23		1.4	16		1.4	18		1.4
Anthracene		mg/kg	4.3		1.4	2.9		1.4	3.7		1.4
Fluoranthene		mg/kg	40		1.4	27		1.4	28		1.4
Pyrene		mg/kg	31		1.4	21		1.4	22		1.4
Benzo(a)anthracene		mg/kg	12		0.56	7.4		0.56	9.7		0.56
Chrysene		mg/kg	13		1.4	10		1.4	11		1.4
Benzo(b)fluoranthene		mg/kg	14		0.56	9.2		0.56	11		0.56
Benzo(k)fluoranthene		mg/kg	5.7		1.4	5.5		1.4	4.7		1.4
Benzo(a)pyrene		mg/kg	13		0.56	9.1		0.56	10		0.56
Indeno(1,2,3-cd)pyrene		mg/kg	8.9		0.56	5.9		0.56	8.3		0.56
Dibenzo(a,h)anthracene		mg/kg	2.1		0.56	1.4		0.56	1.9		0.56
Benzo(g,h,i)perylene		mg/kg	7.8		1.4	5.2		1.4	8.1		1.4

Semi-Volatile Organic Compound	8270	units	KK-0212-1214			KK-0213-0002			KK-0213-0204		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
Acenaphthylene		mg/kg	1.3	U	1.3	1.4	U	1.4	1.3	U	1.3
Acenaphthene		mg/kg	2		1.3	1.4	U	1.4	1.3	U	1.3
Fluorene		mg/kg	2.6		1.3	1.4	U	1.4	1.3	U	1.3
Phenanthrene		mg/kg	22		1.3	10		1.4	8.6		1.3
Anthracene		mg/kg	5.1		1.3	4		1.4	1.9		1.3
Fluoranthene		mg/kg	34		1.3	18		1.4	17		1.3
Pyrene		mg/kg	28		1.3	14		1.4	14		1.3
Benzo(a)anthracene		mg/kg	11		0.53	5.2		0.56	6		0.53
Chrysene		mg/kg	14		1.3	7.4		1.4	8.1		1.3
Benzo(b)fluoranthene		mg/kg	14		0.53	7.1		0.56	7.2		0.53
Benzo(k)fluoranthene		mg/kg	4.1		1.3	2.5		1.4	3.4		1.3
Benzo(a)pyrene		mg/kg	12		0.53	6.2		0.56	6.4		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	9.8		0.53	5.4		0.56	5.1		0.53
Dibenzo(a,h)anthracene		mg/kg	2.2		0.53	1.2		0.56	1.4		0.53
Benzo(g,h,i)perylene		mg/kg	8.9		1.3	5.2		1.4	4.9		1.3

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0213-0406			KK-0213-0608			KK-0213-0810		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
2-Methylnaphthalene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthylene		mg/kg	1.4	U	1.4	1.3	U	1.3	1.3	U	1.3
Acenaphthene		mg/kg	1.4	U	1.4	1.9		1.3	1.6		1.3
Fluorene		mg/kg	1.4		1.4	2.2		1.3	1.9		1.3
Phenanthrene		mg/kg	15		1.4	22		1.3	19		1.3
Anthracene		mg/kg	2.9		1.4	3.8		1.3	3.4		1.3
Fluoranthene		mg/kg	26		1.4	38		1.3	32		1.3
Pyrene		mg/kg	21		1.4	31		1.3	25		1.3
Benzo(a)anthracene		mg/kg	7.9		0.56	12		0.53	8.7		0.53
Chrysene		mg/kg	9.7		1.4	15		1.3	12		1.3
Benzo(b)fluoranthene		mg/kg	9.4		0.56	16		0.53	13		0.53
Benzo(k)fluoranthene		mg/kg	4.5		1.4	7.1		1.3	5		1.3
Benzo(a)pyrene		mg/kg	9		0.56	14		0.53	11		0.53
Indeno(1,2,3-cd)pyrene		mg/kg	7.4		0.56	8.7		0.53	6.9		0.53
Dibenzo(a,h)anthracene		mg/kg	1.7		0.56	1.9		0.53	1.7		0.53
Benzo(g,h,i)perylene		mg/kg	7.3		1.4	7.3		1.3	6		1.3

Semi-Volatile Organic Compound	8270	units	KK-0213-1012			KK-0214-0204			KK-0214-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Naphthalene		mg/kg	1.3	U	1.3	1	U	1	1	U	1
2-Methylnaphthalene		mg/kg	1.3	U	1.3	1	U	1	1	U	1
Acenaphthylene		mg/kg	1.3	U	1.3	1	U	1	1	U	1
Acenaphthene		mg/kg	1.3	U	1.3	1	U	1	1.4		1
Fluorene		mg/kg	1.4		1.3	1	U	1	2.1		1
Phenanthrene		mg/kg	13		1.3	6.6		1	14		1
Anthracene		mg/kg	2.7		1.3	1.8		1	5		1
Fluoranthene		mg/kg	25		1.3	14		1	22		1
Pyrene		mg/kg	20		1.3	11		1	17		1
Benzo(a)anthracene		mg/kg	8.1		0.53	4.6		0.4	7.2		0.4
Chrysene		mg/kg	10		1.3	5.5		1	8.3		1
Benzo(b)fluoranthene		mg/kg	11		0.53	4.9		0.4	7.3		0.4
Benzo(k)fluoranthene		mg/kg	5		1.3	2.5		1	4.5		1
Benzo(a)pyrene		mg/kg	9		0.53	4.8		0.4	7.3		0.4
Indeno(1,2,3-cd)pyrene		mg/kg	5		0.53	2.7		0.4	3.5		0.4
Dibenzo(a,h)anthracene		mg/kg	1.3		0.53	0.67		0.4	0.92		0.4
Benzo(g,h,i)perylene		mg/kg	4.1		1.3	2.2		1	2.9		1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

Semi-Volatile Organic Compound	8270	units	KK-0214-0608 Results	KK-0214-0608 Qualifier	KK-0214-0608 Reporting Limit	KK-0214-0810 Results	KK-0214-0810 Qualifier	KK-0214-0810 Reporting Limit	KK-02-US-1 Results	KK-02-US-1 Qualifier	KK-02-US-1 Reporting Limit
Naphthalene		mg/kg	1	U	1	1.2	U	1.2	1.1	U	1.1
2-Methylnaphthalene		mg/kg	1	U	1	1.2	U	1.2	1.1	U	1.1
Acenaphthylene		mg/kg	1	U	1	1.2	U	1.2	1.1	U	1.1
Acenaphthene		mg/kg	1	U	1	1.2	U	1.2	1.1	U	1.1
Fluorene		mg/kg	1	U	1	1.2	U	1.2	1.1	U	1.1
Phenanthrene		mg/kg	8		1	5.1		1.2	6.9		1.1
Anthracene		mg/kg	1.9		1	1.4		1.2	1.5		1.1
Fluoranthene		mg/kg	13		1	9.8		1.2	11		1.1
Pyrene		mg/kg	10		1	8.4		1.2	9.3		1.1
Benzo(a)anthracene		mg/kg	3.9		0.4	3.3		0.46	4		0.43
Chrysene		mg/kg	4.7		1	4.2		1.2	4.9		1.1
Benzo(b)fluoranthene		mg/kg	4.2		0.4	3.8		0.46	4.2		0.43
Benzo(k)fluoranthene		mg/kg	2.2		1	1.5		1.2	2.4		1.1
Benzo(a)pyrene		mg/kg	4		0.4	3.5		0.46	4.2		0.43
Indeno(1,2,3-cd)pyrene		mg/kg	2.2		0.4	2.3		0.46	2.8		0.43
Dibenzo(a,h)anthracene		mg/kg	0.47		0.4	0.5		0.46	0.68		0.43
Benzo(g,h,i)perylene		mg/kg	1.9		1	2.1		1.2	2.5		1.1

Semi-Volatile Organic Compound	8270	units	KK-02-US-2 Results	KK-02-US-2 Qualifier	KK-02-US-2 Reporting Limit
Naphthalene		mg/kg	1.1	U	1.1
2-Methylnaphthalene		mg/kg	1.1	U	1.1
Acenaphthylene		mg/kg	1.1	U	1.1
Acenaphthene		mg/kg	1.1	U	1.1
Fluorene		mg/kg	1.1	U	1.1
Phenanthrene		mg/kg	5.6		1.1
Anthracene		mg/kg	1.8		1.1
Fluoranthene		mg/kg	10		1.1
Pyrene		mg/kg	7.7		1.1
Benzo(a)anthracene		mg/kg	3.4		0.43
Chrysene		mg/kg	3.9		1.1
Benzo(b)fluoranthene		mg/kg	3.4		0.43
Benzo(k)fluoranthene		mg/kg	1.7		1.1
Benzo(a)pyrene		mg/kg	3.4		0.43
Indeno(1,2,3-cd)pyrene		mg/kg	2.2		0.43
Dibenzo(a,h)anthracene		mg/kg	0.54		0.43
Benzo(g,h,i)perylene		mg/kg	2.1		1.1

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

PCBS	8082	units	KK-0201-0002			KK-0201-0204			KK-0201-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.18	U	0.18	0.17	U	0.17	0.16	U	0.16
Aroclor-1221		mg/kg	0.24	U	0.24	0.17	U	0.17	0.16	U	0.16
Aroclor-1232		mg/kg	0.18	U	0.18	0.17	U	0.17	0.16	U	0.16
Aroclor-1242		mg/kg	0.18	U	0.18	0.85		0.17	0.16	U	0.16
Aroclor-1248		mg/kg	2		0.18	0.17	U	0.17	0.16	U	0.16
Aroclor-1254		mg/kg	1.3	U	1.3	0.17	U	0.17	0.16	U	0.16
Aroclor-1260		mg/kg	0.18	U	0.18	0.17	U	0.17	0.16	U	0.16
PCBS	8082	units	KK-0201-0608			KK-0201-0810			KK-0202-0002		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.16	U	0.16	0.17	U	0.17	0.16	U	0.16
Aroclor-1221		mg/kg	0.16	U	0.16	0.17	U	0.17	0.16	U	0.16
Aroclor-1232		mg/kg	0.16	U	0.16	0.17	U	0.17	0.16	U	0.16
Aroclor-1242		mg/kg	0.77		0.16	0.17	U	0.17	2.3		0.16
Aroclor-1248		mg/kg	0.16	U	0.16	0.17	U	0.17	0.16	U	0.16
Aroclor-1254		mg/kg	0.48	U	0.48	0.17	U	0.17	1.2	U	1.2
Aroclor-1260		mg/kg	0.16	U	0.16	0.17	U	0.17	0.45		0.16
PCBS	8082	units	KK-0202-0204			KK-0202-0406			KK-0202-0608		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.17	U	0.17	0.83	U	0.83	1	U	1
Aroclor-1221		mg/kg	0.17	U	0.17	0.83	U	0.83	1.2	U	1.2
Aroclor-1232		mg/kg	0.17	U	0.17	0.83	U	0.83	1	U	1
Aroclor-1242		mg/kg	0.72		0.17	0.83	U	0.83	1	U	1
Aroclor-1248		mg/kg	0.17	U	0.17	7.1		0.83	8.5		1
Aroclor-1254		mg/kg	0.35	U	0.35	4.2	U	4.2	5.2	U	5.2
Aroclor-1260		mg/kg	0.17	U	0.17	0.5		0.17	0.78		0.21
PCBS	8082	units	KK-0202-0810			KK-0202-1012			KK-0202-1214		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.87	U	0.87	0.23	U	0.23	0.18	U	0.18
Aroclor-1221		mg/kg	0.87	U	0.87	0.23	U	0.23	0.18	U	0.18
Aroclor-1232		mg/kg	0.87	U	0.87	0.23	U	0.23	0.18	U	0.18
Aroclor-1242		mg/kg	0.87	U	0.87	0.23	U	0.23	0.18	U	0.18
Aroclor-1248		mg/kg	6		0.87	2.4	U	2.4	2.2		0.18
Aroclor-1254		mg/kg	3.6	U	3.6	2.5		0.23	2.1	U	2.1
Aroclor-1260		mg/kg	0.36		0.17	0.63		0.23	0.53		0.18

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0202-1416			KK-0202-1820			KK-0203-0002		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.23	U	0.23	0.21	U	0.21	0.16	U	0.16
Aroclor-1221		mg/kg	0.23	U	0.23	0.21	U	0.21	0.16	U	0.16
Aroclor-1232		mg/kg	0.23	U	0.23	0.21	U	0.21	0.16	U	0.16
Aroclor-1242		mg/kg	0.23	U	0.23	0.21	U	0.21	0.79		0.16
Aroclor-1248		mg/kg	0.45	U	0.45	0.39		0.21	0.16	U	0.16
Aroclor-1254		mg/kg	1.5		0.23	0.38	U	0.38	0.4	U	0.4
Aroclor-1260		mg/kg	0.6		0.23	0.21	U	0.21	0.16	U	0.16
			KK-0203-0002D			KK-0203-0204			KK-0203-0204D		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.17	U	0.17	0.16	U	0.16	0.16	U	0.16
Aroclor-1221		mg/kg	0.17	U	0.17	0.16	U	0.16	0.16	U	0.16
Aroclor-1232		mg/kg	0.17	U	0.17	0.16	U	0.16	0.16	U	0.16
Aroclor-1242		mg/kg	0.86		0.17	0.95		0.16	0.89		0.16
Aroclor-1248		mg/kg	0.17	U	0.17	0.16	U	0.16	0.16	U	0.16
Aroclor-1254		mg/kg	0.42	U	0.42	0.6	U	0.6	0.6	U	0.6
Aroclor-1260		mg/kg	0.17	U	0.17	0.16	U	0.16	0.16	U	0.16
			KK-0203-0406			KK-0203-0406D			KK-0203-0608		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Aroclor-1221		mg/kg	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Aroclor-1232		mg/kg	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Aroclor-1242		mg/kg	1.5		0.18	2.1		0.18	2.4		0.18
Aroclor-1248		mg/kg	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Aroclor-1254		mg/kg	0.85	U	0.85	1.2	U	1.2	1.2	U	1.2
Aroclor-1260		mg/kg	0.24		0.18	0.37		0.18	0.28		0.18
			KK-0203-0608D			KK-0203-0810			KK-0203-0810D		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.18	U	0.18	1.1	U	1.1	1.9	U	1.9
Aroclor-1221		mg/kg	0.18	U	0.18	1.4	U	1.4	1.9	U	1.9
Aroclor-1232		mg/kg	0.18	U	0.18	1.1	U	1.1	1.9	U	1.9
Aroclor-1242		mg/kg	2.8		0.18	1.1	U	1.1	1.9	U	1.9
Aroclor-1248		mg/kg	0.18	U	0.18	15		1.1	9.1		1.9
Aroclor-1254		mg/kg	1.5	U	1.5	1.1	U	8.9	1.9	U	1.9
Aroclor-1260		mg/kg	0.39		0.18	0.74		0.22	0.42		0.19

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0203-1012			KK-0203-1012D			KK-0203-1214		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.85	U	0.85	0.21	U	0.21	0.18	U	0.18
Aroclor-1221		mg/kg	0.85	U	0.85	0.21	U	0.21	0.18	U	0.18
Aroclor-1232		mg/kg	0.85	U	0.85	0.21	U	0.21	0.18	U	0.18
Aroclor-1242		mg/kg	0.85	U	0.85	0.21	U	0.21	0.18	U	0.18
Aroclor-1248		mg/kg	5.9		0.85	2.9		0.21	1.2	U	1.2
Aroclor-1254		mg/kg	3.8	U	3.8	1.9	U	1.9	1.5		0.18
Aroclor-1260		mg/kg	0.38		0.17	0.21	U	0.21	0.42		0.18
			KK-0203-1214D			KK-0204-0002			KK-0204-0204		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.18	U	0.18	0.16	U	0.16	0.13	U	0.13
Aroclor-1221		mg/kg	0.18	U	0.18	0.16	U	0.16	0.13	U	0.13
Aroclor-1232		mg/kg	0.18	U	0.18	0.16	U	0.16	0.13	U	0.13
Aroclor-1242		mg/kg	0.18	U	0.18	1.4		0.16	1.1		0.13
Aroclor-1248		mg/kg	2	U	2	0.16	U	0.16	0.13	U	0.13
Aroclor-1254		mg/kg	2.4		0.18	0.42	U	0.42	0.13	U	0.13
Aroclor-1260		mg/kg	0.7	U	0.7	0.16	U	0.16	0.13	U	0.13
			KK-0204-0406			KK-0204-0608			KK-0204-0810		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.2	U	0.2	0.17	U	0.17	0.22	U	0.22
Aroclor-1221		mg/kg	0.2	U	0.2	0.3	U	0.3	0.25	U	0.25
Aroclor-1232		mg/kg	0.2	U	0.2	0.17	U	0.17	0.22	U	0.22
Aroclor-1242		mg/kg	0.2	U	0.2	0.17	U	0.17	0.22	U	0.22
Aroclor-1248		mg/kg	5.9		1	2.9		0.17	3.6		0.22
Aroclor-1254		mg/kg	1	U	1	2	U	2	3.2	U	3.2
Aroclor-1260		mg/kg	0.38		0.2	0.45		0.17	0.76		0.22
			KK-0204-1012			KK-0204-1214			KK-0204-1416		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.18	U	0.18	0.22	U	0.22	0.18	U	0.18
Aroclor-1221		mg/kg	0.18	U	0.18	0.22	U	0.22	0.18	U	0.18
Aroclor-1232		mg/kg	0.18	U	0.18	0.22	U	0.22	0.18	U	0.18
Aroclor-1242		mg/kg	0.18	U	0.18	0.22	U	0.22	0.18	U	0.18
Aroclor-1248		mg/kg	1.4		0.18	1.7		0.22	0.38		0.18
Aroclor-1254		mg/kg	1.2	U	1.2	1.5	U	1.5	0.32	U	0.32
Aroclor-1260		mg/kg	0.18	U	0.18	0.45		0.22	0.18	U	0.18

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0205-0002			KK-0205-0204			KK-0205-0406		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.23	U	0.23	0.21	U	0.21	0.21	U	0.21
Aroclor-1221		mg/kg	0.23	U	0.23	0.21	U	0.21	0.21	U	0.21
Aroclor-1232		mg/kg	0.23	U	0.23	0.21	U	0.21	0.21	U	0.21
Aroclor-1242		mg/kg	1.3		0.23	1.4		0.21	7.6		1
Aroclor-1248		mg/kg	0.23	U	0.23	0.21	U	0.21	0.21	U	0.21
Aroclor-1254		mg/kg	0.45	U	0.45	0.65	U	0.65	2.5	U	2.5
Aroclor-1260		mg/kg	0.23	U	0.23	0.21	U	0.21	0.66		0.21
			KK-0205-0608			KK-0205-0810			KK-0205-1012		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	1	U	1	0.2	U	0.2
Aroclor-1221		mg/kg	0.22	U	0.22	1	U	1	0.2	U	0.2
Aroclor-1232		mg/kg	0.22	U	0.22	1	U	1	0.2	U	0.2
Aroclor-1242		mg/kg	6.8		2.2	1	U	1	0.2	U	0.2
Aroclor-1248		mg/kg	0.22	U	0.22	11		1	2.6		0.2
Aroclor-1254		mg/kg	2.7	U	2.7	7.4	U	7.4	2	U	2
Aroclor-1260		mg/kg	1.1		0.22	1.5	*	1	0.31		0.2
			KK-0205-1214			KK-0205-1416			KK-0206-0002		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.23	U	0.23	0.22	U	0.22
Aroclor-1221		mg/kg	0.22	U	0.22	0.23	U	0.23	0.24	U	0.24
Aroclor-1232		mg/kg	0.22	U	0.22	0.23	U	0.23	0.22	U	0.22
Aroclor-1242		mg/kg	0.22	U	0.22	0.23	U	0.23	0.22	U	0.22
Aroclor-1248		mg/kg	1.5	U	1.5	0.38	U	0.38	1		0.22
Aroclor-1254		mg/kg	2.1		0.22	0.53		0.23	0.71	U	0.71
Aroclor-1260		mg/kg	0.6	U	0.6	0.23	U	0.23	0.22	U	0.22
			KK-0206-0204			KK-0206-0406			KK-0206-0608		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.17	U	0.17	0.26	U	0.26	0.24	U	0.24
Aroclor-1221		mg/kg	0.17	U	0.17	0.26	U	0.26	0.24	U	0.24
Aroclor-1232		mg/kg	0.17	U	0.17	0.26	U	0.26	0.24	U	0.24
Aroclor-1242		mg/kg	0.9		0.17	1.7		0.26	6.2		0.24
Aroclor-1248		mg/kg	0.17	U	0.17	0.26	U	0.26	0.24	U	0.24
Aroclor-1254		mg/kg	0.17	U	0.17	1	U	1	3	U	3
Aroclor-1260		mg/kg	0.17	U	0.17	0.26	U	0.26	0.69		0.24

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0206-0810			KK-0206-1012			KK-0206-1214		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.2	U	0.2	0.21	U	0.21	0.21	U	0.21
Aroclor-1221		mg/kg	0.2	U	0.2	0.21	U	0.21	0.21	U	0.21
Aroclor-1232		mg/kg	0.2	U	0.2	0.21	U	0.21	0.21	U	0.21
Aroclor-1242		mg/kg	0.2	U	0.2	0.21	U	0.21	0.21	U	0.21
Aroclor-1248		mg/kg	3.1		0.2	2.7		0.21	3		0.21
Aroclor-1254		mg/kg	2.1	U	2.1	1.9	U	1.9	2.2	U	2.2
Aroclor-1260		mg/kg	0.41		0.2	0.36		0.21	0.46		0.21
			KK-0206-1416			KK-0206-1618			KK-0207-0406		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.22	U	0.22	0.2	U	0.2
Aroclor-1221		mg/kg	0.22	U	0.22	0.22	U	0.22	1	U	1
Aroclor-1232		mg/kg	0.22	U	0.22	0.22	U	0.22	0.2	U	0.2
Aroclor-1242		mg/kg	0.22	U	0.22	0.22	U	0.22	0.2	U	0.2
Aroclor-1248		mg/kg	0.87		0.22	0.94		0.22	6.2		1
Aroclor-1254		mg/kg	0.8	U	0.8	0.84	U	0.84	4.5	U	4.5
Aroclor-1260		mg/kg	0.22	U	0.22	0.22	U	0.22	0.8		0.2
			KK-0207-0608			KK-0207-0810			KK-0207R-0002		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.2	U	0.2	0.2	U	0.2	0.16	U	0.16
Aroclor-1221		mg/kg	0.6	U	0.6	0.2	U	0.2	0.16	U	0.16
Aroclor-1232		mg/kg	0.2	U	0.2	0.2	U	0.2	0.16	U	0.16
Aroclor-1242		mg/kg	0.2	U	0.2	2.8		0.2	1.9		0.16
Aroclor-1248		mg/kg	3.7		0.2	0.2	U	0.2	0.16	U	0.16
Aroclor-1254		mg/kg	2.5	U	2.5	1.5	U	1.5	0.54	U	0.54
Aroclor-1260		mg/kg	0.55		0.2	0.31		0.2	0.16	U	0.16
			KK-0207R-0406			KK-0207R-0608			KK-0207R-0810		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.23	U	0.23	0.2	U	0.2	0.24	U	0.24
Aroclor-1221		mg/kg	0.23	U	0.23	0.2	U	0.2	0.24	U	0.24
Aroclor-1232		mg/kg	0.23	U	0.23	0.2	U	0.2	0.24	U	0.24
Aroclor-1242		mg/kg	0.23	U	0.23	0.2	U	0.2	0.24	U	0.24
Aroclor-1248		mg/kg	0.9	U	0.9	1.1		0.2	2.1		0.24
Aroclor-1254		mg/kg	1.4		0.23	0.8	U	0.8	1.9	U	1.9
Aroclor-1260		mg/kg	0.23	U	0.23	0.2	U	0.2	0.24	U	0.24

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0208-0204			KK-0208-0608			KK-0208-0810		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.17	U	0.17	0.19	U	0.19	0.21	U	0.21
Aroclor-1221		mg/kg	0.17	U	0.17	0.19	U	0.19	0.21	U	0.21
Aroclor-1232		mg/kg	0.17	U	0.17	0.19	U	0.19	0.21	U	0.21
Aroclor-1242		mg/kg	0.72		0.17	5		0.97	5.2		1
Aroclor-1248		mg/kg	0.17	U	0.17	0.19	U	0.19	0.21	U	0.21
Aroclor-1254		mg/kg	0.17	U	0.17	2.4	U	2.4	1	U	1
Aroclor-1260		mg/kg	0.17	U	0.17	0.48		0.19	0.47		0.21
			KK-0208-1012			KK-0208-1214			KK-0209-0002		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.2	U	0.2	0.21	U	0.21	0.21	U	0.21
Aroclor-1221		mg/kg	0.2	U	0.2	0.26	U	0.26	0.21	U	0.21
Aroclor-1232		mg/kg	0.2	U	0.2	0.26	U	0.26	0.21	U	0.21
Aroclor-1242		mg/kg	5.8		1	0.26	U	0.26	1.9		0.21
Aroclor-1248		mg/kg	0.2	U	0.2	3.3		0.26	0.21	U	0.21
Aroclor-1254		mg/kg	2.9	U	2.9	2.6	U	2.6	1.2	U	1.2
Aroclor-1260		mg/kg	0.62		0.2	0.61		0.21	0.43		0.21
			KK-0209-0204			KK-0209-0406			KK-0209-0608		
PCBS	8082	units	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1221		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1232		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1242		mg/kg	1.5		0.22	2.2		0.22	4.2		0.22
Aroclor-1248		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1254		mg/kg	0.91	U	0.91	1.4	U	1.4	2.3	U	2.3
Aroclor-1260		mg/kg	0.32		0.22	0.54		0.22	0.91		0.22

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

			KK-0209-0810			KK-0209-1012			KK-0209-1214		
PCBS	**8082**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
Aroclor-1016		mg/kg	2.2	U	2.2	0.22	U	0.22	0.21	U	0.21
Aroclor-1221		mg/kg	2.2	U	2.2	0.22	U	0.22	0.21	U	0.21
Aroclor-1232		mg/kg	2.2	U	2.2	0.22	U	0.22	0.21	U	0.21
Aroclor-1242		mg/kg	2.2	U	2.2	34		2.2	20		2.1
Aroclor-1248		mg/kg	16		2.2	0.22	U	0.22	0.21	U	0.21
Aroclor-1254		mg/kg	12	U	12	12	U	12	7.2	U	7.2
Aroclor-1260		mg/kg	2.2	U	2.2	1.5		0.22	1.4		0.21
			KK-0209-1416			KK-0209-2022			KK-0209-2224		
PCBS	**8082**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
Aroclor-1016		mg/kg	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
Aroclor-1221		mg/kg	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
Aroclor-1232		mg/kg	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
Aroclor-1242		mg/kg	23		2.1	0.21	U	0.21	0.21	U	0.21
Aroclor-1248		mg/kg	0.21	U	0.21	0.86	U	0.86	0.35		0.21
Aroclor-1254		mg/kg	6.9	U	6.9	1.1		0.21	0.21	U	0.21
Aroclor-1260		mg/kg	1.2		0.21	0.21	U	0.21	0.21	U	0.21
			KK-0210-0002			KK-0210-0204			KK-0210-0406		
PCBS	**8082**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
Aroclor-1016		mg/kg	0.22	U	0.22	0.22	U	0.22	0.21	U	0.21
Aroclor-1221		mg/kg	0.22	U	0.22	0.22	U	0.22	0.28	U	0.28
Aroclor-1232		mg/kg	0.22	U	0.22	0.22	U	0.22	0.21	U	0.21
Aroclor-1242		mg/kg	0.22	U	0.22	1.7		0.22	0.21	U	0.21
Aroclor-1248		mg/kg	0.35		0.22	0.22	U	0.22	4.1		0.21
Aroclor-1254		mg/kg	0.22	U	0.22	0.95	U	0.95	2.6	U	2.6
Aroclor-1260		mg/kg	0.22	U	0.22	0.22	U	0.22	0.44		0.21
			KK-0210-0608			KK-0210-0810			KK-0210-1214		
PCBS	**8082**	**units**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**	**Results**	**Qualifier**	**Reporting Limit**
Aroclor-1016		mg/kg	0.22	U	0.22	0.21	U	0.21	0.21	U	0.21
Aroclor-1221		mg/kg	0.22	U	0.22	2.1	U	2.1	0.21	U	0.21
Aroclor-1232		mg/kg	0.22	U	0.22	0.21	U	0.21	0.21	U	0.21
Aroclor-1242		mg/kg	16		1.1	0.21	U	0.21	0.21	U	0.21
Aroclor-1248		mg/kg	0.22	U	0.22	7.3		2.1	2.2		0.21
Aroclor-1254		mg/kg	3	U	3	4.6	U	4.6	2.2	U	2.2
Aroclor-1260		mg/kg	0.8		0.22	0.9		0.21	0.53		0.21

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

PCBS	8082	units	KK-0211-0002 Results	KK-0211-0002 Qualifier	KK-0211-0002 Reporting Limit	KK-0211-0204 Results	KK-0211-0204 Qualifier	KK-0211-0204 Reporting Limit	KK-0211-0406 Results	KK-0211-0406 Qualifier	KK-0211-0406 Reporting Limit
Aroclor-1016		mg/kg	0.24	U	0.24	0.23	U	0.23	0.2	U	0.2
Aroclor-1221		mg/kg	0.24	U	0.24	0.23	U	0.23	0.2	U	0.2
Aroclor-1232		mg/kg	0.24	U	0.24	0.23	U	0.23	0.2	U	0.2
Aroclor-1242		mg/kg	4.6		0.24	14		1.1	7.9		1
Aroclor-1248		mg/kg	0.24	U	0.24	0.23	U	0.23	0.2	U	0.2
Aroclor-1254		mg/kg	2.6	U	2.6	5.3	U	5.3	3.2	U	3.2
Aroclor-1260		mg/kg	1.5		0.24	1.3		0.23	1		0.2

PCBS	8082	units	KK-0211-0608 Results	KK-0211-0608 Qualifier	KK-0211-0608 Reporting Limit	KK-0211-0810 Results	KK-0211-0810 Qualifier	KK-0211-0810 Reporting Limit	KK-0211-1012 Results	KK-0211-1012 Qualifier	KK-0211-1012 Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1221		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1232		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1242		mg/kg	14		0.22	4.4		0.22	11		1.1
Aroclor-1248		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1254		mg/kg	5.7	U	5.7	2.9	U	2.9	5.5	U	5.5
Aroclor-1260		mg/kg	1.3		0.22	0.83		0.22	1.1		0.22

PCBS	8082	units	KK-0212-0002 Results	KK-0212-0002 Qualifier	KK-0212-0002 Reporting Limit	KK-0212-0204 Results	KK-0212-0204 Qualifier	KK-0212-0204 Reporting Limit	KK-0212-0406 Results	KK-0212-0406 Qualifier	KK-0212-0406 Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1221		mg/kg	0.22	U	0.22	0.4	U	0.4	0.22	U	0.22
Aroclor-1232		mg/kg	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Aroclor-1242		mg/kg	3.7		0.22	0.22	U	0.22	5.9		1.1
Aroclor-1248		mg/kg	0.22	U	0.22	2.2		0.22	0.22	U	0.22
Aroclor-1254		mg/kg	1.9	U	1.9	1.4	U	1.4	2.9	U	2.9
Aroclor-1260		mg/kg	0.85		0.22	0.22	U	0.22	0.77		0.22

PCBS	8082	units	KK-0212-0608 Results	KK-0212-0608 Qualifier	KK-0212-0608 Reporting Limit	KK-0212-0810 Results	KK-0212-0810 Qualifier	KK-0212-0810 Reporting Limit	KK-0212-1012 Results	KK-0212-1012 Qualifier	KK-0212-1012 Reporting Limit
Aroclor-1016		mg/kg	0.23	U	0.23	0.23	U	0.23	0.11	U	0.11
Aroclor-1221		mg/kg	0.23	U	0.23	0.23	U	0.23	0.11	U	0.11
Aroclor-1232		mg/kg	0.23	U	0.23	0.23	U	0.23	0.11	U	0.11
Aroclor-1242		mg/kg	4.4		0.23	3.1		0.23	12		1.1
Aroclor-1248		mg/kg	0.23	U	0.23	0.23	U	0.23	0.11	U	0.11
Aroclor-1254		mg/kg	1.9	U	1.9	1.5	U	1.5	4.2	U	4.2
Aroclor-1260		mg/kg	0.76		0.23	0.43		0.23	0.86		0.11

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

PCBS	8082	units	KK-0212-1214			KK-0213-0002			KK-0213-0204		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.21	U	0.21	0.23	U	0.23	0.22	U	0.22
Aroclor-1221		mg/kg	0.21	U	0.21	0.23	U	0.23	0.22	U	0.22
Aroclor-1232		mg/kg	0.21	U	0.21	0.23	U	0.23	0.22	U	0.22
Aroclor-1242		mg/kg	4.9		0.21	2.9		0.23	0.22	U	0.22
Aroclor-1248		mg/kg	0.21	U	0.21	0.23	U	0.23	2.4		0.22
Aroclor-1254		mg/kg	2.8	U	2.8	1.7	U	1.7	2.3	U	2.3
Aroclor-1260		mg/kg	0.79		0.21	1		0.23	0.56		0.22

PCBS	8082	units	KK-0213-0406			KK-0213-0608			KK-0213-0810		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.23	U	0.23	0.22	U	0.22	0.22	U	0.22
Aroclor-1221		mg/kg	0.23	U	0.23	0.22	U	0.22	0.22	U	0.22
Aroclor-1232		mg/kg	0.23	U	0.23	0.22	U	0.22	0.22	U	0.22
Aroclor-1242		mg/kg	2.2		0.23	4.5		0.22	9.4		1.1
Aroclor-1248		mg/kg	0.23	U	0.23	0.22	U	0.22	0.22	U	0.22
Aroclor-1254		mg/kg	1.2	U	1.2	2	U	2	3.7	U	3.7
Aroclor-1260		mg/kg	0.39		0.23	0.66		0.22	1.1		0.22

PCBS	8082	units	KK-0213-1012			KK-0214-0204			KK-0214-0406		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.22	U	0.22	0.17	U	0.17	0.17	U	0.17
Aroclor-1221		mg/kg	0.22	U	0.22	0.17	U	0.17	0.17	U	0.17
Aroclor-1232		mg/kg	0.22	U	0.22	0.17	U	0.17	0.17	U	0.17
Aroclor-1242		mg/kg	7		1.1	1.4		0.17	1.7		0.17
Aroclor-1248		mg/kg	0.22	U	0.22	0.17	U	0.17	0.17	U	0.17
Aroclor-1254		mg/kg	3.5	U	3.5	0.5	U	0.5	0.7	U	0.7
Aroclor-1260		mg/kg	0.87		0.22	0.17	U	0.17	0.23		0.17

PCBS	8082	units	KK-0214-0608			KK-0214-0810			KK-02-US-1		
			Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit	Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.16	U	0.16	0.19	U	0.19	0.17	U	0.17
Aroclor-1221		mg/kg	0.16	U	0.16	0.19	U	0.19	0.17	U	0.17
Aroclor-1232		mg/kg	0.16	U	0.16	0.19	U	0.19	0.17	U	0.17
Aroclor-1242		mg/kg	1		0.16	0.85		0.19	1.2		0.17
Aroclor-1248		mg/kg	0.16	U	0.16	0.19	U	0.19	0.17	U	0.17
Aroclor-1254		mg/kg	0.5	U	0.5	0.5	U	0.5	0.17	U	0.17
Aroclor-1260		mg/kg	0.16	U	0.16	0.19	U	0.19	0.17	U	0.17

PCBS	8082	units	KK-02-US-2		
			Results	Qualifier	Reporting Limit
Aroclor-1016		mg/kg	0.17	U	0.17
Aroclor-1221		mg/kg	0.17	U	0.17
Aroclor-1232		mg/kg	0.17	U	0.17
Aroclor-1242		mg/kg	0.81		0.17
Aroclor-1248		mg/kg	0.17	U	0.17
Aroclor-1254		mg/kg	0.4	U	0.4
Aroclor-1260		mg/kg	0.17	U*	0.17

U = Undetected at reporting unit.

Sediment Analytical Results
Kinnickinnic River, Milwaukee, Wisconsin

TOC Walkley-Black	Units	Results	Qualifier	Reporting Limit
KK-0201-0002	mg/kg	14000		1000
KK-0201-0406	mg/kg	12000		1000
KK-0201-0810	mg/kg	2100		1000
KK-0202-0204	mg/kg	13000		1000
KK-0202-0608	mg/kg	38000		1400
KK-0202-1012	mg/kg	51000		1200
KK-0202-1416	mg/kg	74000		2000
KK-0202-1820	mg/kg	68000		1500
KK-0203-0002	mg/kg	19000		1500
KK-0203-0002D	mg/kg	22000		1200
KK-0203-0406	mg/kg	36000		1600
KK-0203-0406D	mg/kg	35000		1500
KK-0203-0810	mg/kg	40000		1600
KK-0203-0810D	mg/kg	38000		1600
KK-0203-1214	mg/kg	43000		1700
KK-0203-1214D	mg/kg	47000		1500
KK-0204-0204	mg/kg	2900		1000
KK-0204-0608	mg/kg	26000		1400
KK-0204-1012	mg/kg	39000		1400
KK-0204-1416	mg/kg	44000		1600
KK-0205-0002	mg/kg	41000		1300
KK-0205-0406	mg/kg	40000		1700
KK-0205-0810	mg/kg	36000		1400
KK-0205-1214	mg/kg	56000		1400
KK-0206-0204	mg/kg	15000		1000
KK-0206-0608	mg/kg	58000		2200
KK-0206-1012	mg/kg	44000		1900
KK-0206-1416	mg/kg	67000		1900
KK-0207-0406	mg/kg	41000		1700
KK-0207-0810	mg/kg	34000		1500
KK-0207R-0002	mg/kg	5600		1000
KK-0207R-0406	mg/kg	59000		1600
KK-0207R-0810	mg/kg	44000		2100
KK-0208-0204	mg/kg	8800		1000
KK-0208-0608	mg/kg	32000		1600
KK-0208-1012	mg/kg	33000		1500
KK-0209-0002	mg/kg	39000		1900
KK-0209-0406	mg/kg	51000		2000
KK-0209-0810	mg/kg	49000		1700
KK-0209-1214	mg/kg	57000		1500
KK-0209-2022	mg/kg	52000		1500
KK-0210-0204	mg/kg	45000		1500
KK-0210-0608	mg/kg	47000		1600
KK-0210-1214	mg/kg	53000		1800
KK-0211-0002	mg/kg	47000		1300
KK-0211-0406	mg/kg	40000		1100
KK-0211-0810	mg/kg	42000		1100
KK-0212-0204	mg/kg	40000		1100
KK-0212-0608	mg/kg	46000		1400
KK-0212-1012	mg/kg	48000		1300
KK-0213-0002	mg/kg	47000		2200
KK-0213-0406	mg/kg	44000		1400
KK-0213-0810	mg/kg	43000		1400
KK-0214-0204	mg/kg	9400		1000
KK-0214-0608	mg/kg	14000		1000
KK-02-US-1	mg/kg	8700		1000
KK-02-US-2	mg/kg	5200		1000

U = Undetected at reporting unit.