Table 1. Sediment Sampling Locations in the Black River in 1997.

Site #	River Mile (rm)	Description[a]	Latitude & Longitude	Depth
1	4.11	Left bank near slag pile across from island head.	N41^0 27' 29.4" W82^0 07' 42.7"	0-4", 4"-2' 2'-4', 4'-4'6"
2	2.88	Left bank at upstream end of upstream turning basin	N41^0 27' 21.3" W8^0 08' 49.1"	0-4"(2) 4"-18"(2) "Surface" OEPA
3	2.51	Right bank at downstream end of upstream turning basin.	N41^0 27' 14.5" W82^0 09' 05.5"	0-4",4"-9" "Surface" OEPA
4	2.42	Right bank downstream of turning basin.	N41^0 27' 12.8" W82^0 09' 09.5"	0-4", 4-11"
5	0.27	Near mouth at boat gas station.	N41^0 28' 14.5" W82^0 10' 43"	0-6", 6-21" "Surface" OEPA

[a] *Left and right directions are for someone facing downstream*

Table 2. Total PCBs in Sediment (ppm dry weight).

Location	N	Mean	Maximum
Black River	8	0.067	0.1
Detroit River[a]	373	0.53	6.9
Ottawa-Stony[a]	108	0.53	6.9
Huron-Vermillion[a]	65	0.14	1.7
Ashtabula-Chagrin[a]	109	2.4	120
Chautauqua-Conneau [a]	510	0.013	0.65
Buffalo-Eighteenmile[a]	367	0.14	7.5

[a] *EPA 823-R-97-007, 1997*

Table 3. Total PCB Residues (ppm wet weight) in Fish.

River	Species	PCB(ppm)
Black	Brown Bullhead	0.98
Ottawa[a]	“demersal”	3.9
Buffalo-Eighteen Mile[a]	“demersal”	1.8
Chautaugua-Conneaut[a]	“demersal”	0.55
Ohio-Montgomery (RM31)[b]	Channel Catfish (329mm)	0.98
Ohio-Pike Island (RM84)[b]	Channel Catfish (352mm)	0.98
Ohio-Willow Island (RM161)[b]	Channel Catfish (352mm)	0.60
Ohio-Meldahl (RM 436)[b]	Channel Catfish (347mm)	0.15
Ohio-Cannelton (RM 721)[b]	Channel Catfish (326mm)	0.17

[a] *EPA 823-R-97-007, whole fish data*

[b] *ORSANCO 1997 fillet data, small channel catfish*

Table 4. Selected [a] PAH Concentrations (ppm) in River Sediment.

Site/Date		PAH[b] (#of rings)			
		PHE (3)	BaA (4)	BaP(5)	INP (6)
Black	1980	390	51	43	26
Black	1982	100	23	21	15
Black	1984	0.73	0.37	0.24	0.01
Black	1992	2.1	2.4	2.6	1.8
Black	1994	1.9	0.31	0.24	0.20
Black	1997	0.92	0.68	0.70	0.64
Black	OEPA 97[c]	1.9	3.4	2.7	2.4
Detroit[d]		4.2	Nr[e]	5.0	1.7
Cedar Portage[d]		4.2	0.22	0.27	0.32

[a] *1997 data represent an average of all surface samples excluding site #5 near the mouth and the OEPA samples.*

[b] *Abbreviations: PHE (phenanthnene), BaA (benz(a)anthracene), Bap (benzo(a)pyrene), INP indeno(1,2,3-cd) pyrene.*

[c] *The OEPA sample listed separately.*

[d] *EPA 823-R-97-007,Vol.2*

[e] *Nr not resolved from chrysene*

Table 5. **Whole Body PAH Residues (ng/g wet weight) in Wild Brown Bullhead.**

		PAH Residues[a]			
Location	**Date**	**PHE**	**FLU**	**PYR**	**CHR**
Black R.[b]	1980-81	5,750	2,650	1,160	51
Black R.[b]	1982	161	129	84	13
Black R.	1998	41	34	20	6.1
Fox R.[c]	1984	6.8	9.8	2.0	2.0
Munuscong B[c]	1984	8.2	16	1.9	0
Cuyahoga R[c]	1984	75	66	65	11

[a] *Abbreviations: PHE (phenanthrene), FLU (fluoranthene), PYR (pyrene), CHR (chrysene)*

[b] *Baumann and Harshbarger, 1995*

[c] *Baumann et al., 1991*