Table 7. Contaminant Data for Pool 5 of the Upper Mississippi River

		Record #	454	453	348	351	353	355	352	350	349	354	157	707	158	159
		River Mile	752.7	752.6	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.0	749.9	749.0	749.0
		Location	LOWER APPROACH LD/4	LOWER APPROACH LD/4	R-Island 40-1	R-Island 40-3 -Prec	R-Island 40-4 -Prec	R-Island 40-5	R-Island 40-3 -Pace	R-Island 40-2 -Pace	R-Island 40-2 -Prec	R-Island 40-4 -Pace		R-1st Bwtr Down Zumbro R	MULE BEND	MULE BEND
		Year	1989	1989	1987	1987	1987	1987	1987	1987	1987	1987	1979	1985	1979	1979
		System	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		Habitat Type	1	1	3	3	3	3	3	3	3	3	1	3	1	1
		Pool	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		Sam. Gear	1	1	1	1	1	1	1	1	1	1	1	2	1	1
		Sam. Depth	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Data Cit.	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	FWS	COE	COE
CHC'S	ug/kg	a-BHC	< 0.07	< 0.07	< 5	< 5	< 5	< 5			< 5			< 10		
	ug/kg	b-BHC	< 0.14	< 0.14	< 5	< 5	< 5	< 5			< 5			< 10		
	ug/kg	BHC	< 0.22	< 0.21												
	ug/kg	g-BHC (lindane)	< 0.1	< 0.1	< 5	< 5	< 5	< 5			< 5			< 10		
	ug/kg	Heptachlor	< 0.07	< 0.07	< 5	< 5	< 5	< 5			< 5			< 10		
	ug/kg	Aldrin	< 0.1	< 0.1												
	ug/kg	Heptachlorepoxide	< 0.12	< 0.12												
	ug/kg	Endosulfan I	< 0.12	< 0.12												
	ug/kg	Dieldrin	< 0.12	< 0.12	< 5	< 5	< 5	< 5			< 5		0	< 10	0	0
	ug/kg	4,4'-DDE	< 0.1	< 0.1	< 5	< 5	< 5	< 5			< 5		0	< 10	0	0
	ug/kg	Endrin	< 0.22	< 0.21	< 5	< 5	< 5	< 5			< 5		0	< 10	0	0
	ug/kg	Endosulfan II	< 0.24	< 0.24												
	ug/kg	4,4'-DDD	< 0.26	< 0.26	< 5	< 5	< 5	< 5			< 5		0	< 10	0	0
	ug/kg	Endrinaldehyde	< 0.26	< 0.26												
	ug/kg	Sulfan sulfate	< 0.26	< 0.26												
	ug/kg	4,4'-DDT	< 0.31	< 0.31	< 5	< 5	< 5	< 5			< 5		0	10	0	0
	ug/kg	Methoxychlor	< 0.53	< 0.52												
	ug/kg	Endrinketone	< 0.26	< 0.26												
	ug/kg	Chlorodane	< 1.44	< 1.43	< 5	< 5	< 5	< 5			< 5		0	< 10	0	0
	ug/kg	Toxaphene	< 1.44	< 1.43												
METALS	mg/kg	Ag (silver)												< 0.4		
	mg/kg	Al (aluminum)												11900		
	mg/kg	As (arsenic)	1.4	1.8	84.1	77.7	130.8	< 1.2	0.79	0.74	< 1.2	0.92	0	< 7	0	0
	mg/kg	B (boron)												5		
	mg/kg	Ba (barium)											20	146	30	30
	mg/kg	Be (beryllium)												0.63		
	mg/kg	Cd (cadmium)	< 1.2	< 1.1	< 1.5	< 1.5	< 1.5	< 1.5	< 0.1	< 0.1	< 1.5	< 0.1	< 10	< 0.3	< 10	< 10
	mg/kg	Cr (chromium)	4.5	9	< 3.7	< 3.7	< 3.7	< 3.7	6	5.2	< 3.7	4.4	< 10	20	< 10	< 10
	mg/kg	Cu (copper)	3.4	7.1	< 3.2	< 3.2	< 3.2	< 3.2	4.4	3.2	2.1	3.2	< 10	15	< 10	< 10
	mg/kg	Fe (iron)											3300	19300	2600	3600
	mg/kg	Hg (mercury)	< 0.12	< 0.12	< 0.8	< 0.8	< 0.8	< 0.8	< 0.02	< 0.02	< 0.8	< 0.02	0	0.05	0	0
	mg/kg	Mg (magnesium)												5850		
	mg/kg	Mn (manganese)	320	510	207.8	187	116	73.9	130	190	208	130	180	< 688	150	260
	mg/kg	Mo (molybdenum)												2		
	mg/kg	Ni (nickel)	5.3	11	< 12.9	< 12.9	< 12.9	< 12.9	8.4	6.7	< 12.9	6.8	< 10	19	< 10	10
	mg/kg	Pb (lead)	1.2	0.91	6.3	3.4	3.3	3.4	< 1	< 1	3.1	< 1	< 10	15	< 10	< 10
	mg/kg	Sb (antimony)												< 4		
	mg/kg	Se (selenium)	< 0.87	< 0.84										< 10		
	mg/kg	Sn (tin)												< 2		
	mg/kg	Sr (strontium)												29.4		
	mg/kg	Ti (titanium)												20		
	mg/kg	Zn (zinc)	15.2	25.4	25.4	16.7	5.9	10.2	10	9.8	23.3	9.5	10	64.2	10	10
	mg/kg	V (vanadium)												< 20		
PCB'S	ug/kg	Aroclor-1006	< 1.44	< 1.43												
	ug/kg	Aroclor-1221	< 1.44	< 1.43												
	ug/kg	Aroclor-1232	< 1.44	< 1.43												
	ug/kg	Aroclor-1242	< 1.44	< 1.43												
	ug/kg	Aroclor-1248	< 1.44	< 1.43												
	ug/kg	Aroclor-1254	< 3	< 2.98												
	ug/kg	Aroclor-1260	< 3	< 2.98												
	ug/kg	Total PCB's			0	0	0	0	0	0	0	0	2	0	0	0
PARTICLE SIZE %FINER	SAND coarse	3 in											100		100	100
		1 1/2											100		100	100
		3/4											100		100	100
		3/8											100		100	100
		4	100	96.5									100		100	99
		8														
		10	99.7	84.3		19.2					66.4		96		99	94
	SAND medium	16	95.6	58.8												
		20											70.0		91.0	72.0
		30	52.2	27.8												
		40				1.6					2.5		15.0		53.0	21.0
		50	52.2	27.8												
	SAND fine	70														
		80	2.9	11.6									2.0		2.0	3.0
		100	0.3	8.1												
		140	0.2			0.2					0.8					
	SILT CLAY	200	0.1										1.0		1.0	2.0
		270				0.0					0.5					
		0.20 mm											1.0		0.0	1.0
		0.05 mm											0.0		0.0	0.0
MISC	%	Total Organic Carb	0.036	0.066	0.45	0.57					0.18					
	mg/kg	Chem Oxy Demand											970		3700	1800
	mg/kg	Kjedahl Nitrogen											400		300	300
	mg/kg	Total Phosph											190		140	230
	mg/kg	Oil and Grease											0		0	0
	mg/kg	Cyanide, Total	< 0.63	< 0.6												
	mg/kg	Ammonia	0.5	1.00												
	mg/l	Ammonia Elutriate														
	%	Moisture	20	16.8												
	%	Total Solids	80	83.2												
	%	Volatile Solids	0.5	0.7												

Table 7. Contaminant Data for Pool 5 of the Upper Mississippi River

		Record #	160	447	161	162	163	164	448	165	449	166	167	450	168	169
		River Mile	748.2	747.9	747.8	747.72	747.7	747.3	747.1	746.3	746.3	746.0	746.0	745.8	745.3	745.2
		Location	WEST NEWTON	WEST NEWTON	WEST NEWTON	WEST NEWTON	WEST NEWTON	WEST NEWTON	WEST NEWTON	BELOW WEST NEWTON	BELVEDERE ISLAND	BELOW WEST NEWTON	BELOW WEST NEWTON	FISCHER ISLAND	R-WEAVER BOTTOMS	FISCHER ISLAND
		Year	1980	1989	1980	1974	1975	1980	1989	1980	1989	1979	1979	1989	1984	1975
		System	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		Habitat Type	1	1	1	1	1	1	1	1	1	1	1	1	3	1
		Pool	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		Sam. Gear	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		Sam. Depth	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Data Cit.	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE
CHCS	ug/kg	a-BHC		< 0.74					< 0.07		< 0.07			< 0.07		
	ug/kg	b-BHC		< 1.49					< 0.15		< 0.14			< 0.15		
	ug/kg	BHC		< 2.23					< 0.22		< 0.21			< 0.22		
	ug/kg	g-BHC (lindane)		< 0.99					< 0.1		< 0.1			< 0.1		
	ug/kg	Heptachlor		< 0.74					< 0.07		< 0.07			< 0.07		
	ug/kg	Aldrin		< 0.99					< 0.1		< 0.1			< 0.1		
	ug/kg	Heptachlorepoxide		< 1.24					< 0.12		< 0.12			< 0.12		
	ug/kg	Endosulfan I		< 1.24					< 0.12		< 0.12			< 0.12		
	ug/kg	Dieldrin	0	< 1.24	< 0.2	< 10		0	< 0.12	0	< 0.12	0	0	< 0.12	< 0.5	
	ug/kg	4,4'-DDE	0	< 0.99	< 0.2	10		0	< 0.1	0	< 0.1	0	0	< 0.1	< 0.5	
	ug/kg	Endrin	0	< 2.23	< 0.2	< 10		0	< 0.22	0	< 0.21	0	0	< 0.22	< 0.5	
	ug/kg	Endosulfan II		< 2.48					< 0.27		< 0.24			< 0.25		
	ug/kg	4,4'-DDD	0	< 2.73	< 0.2	< 10		0	< 0.27	0	< 0.26	0	0	< 0.27	< 0.5	
	ug/kg	Endrinaldehyde		< 2.73					< 0.27		< 0.26			< 0.27		
	ug/kg	Sulfan sulfate		< 2.73					< 0.31		< 0.26			< 0.27		
	ug/kg	4,4'-DDT	0	< 3.22	< 0.4	< 10		0	< 0.53	0	< 0.31	0	0	< 0.32	< 0.5	
	ug/kg	Methoxychlor		< 5.46					< 0.27		< 0.52			< 0.54		
	ug/kg	Endrinketone		< 2.73					< 1.45		< 0.26			< 0.27		
	ug/kg	Chlorodane	0	< 14.88	< 0.4	< 10		0	< 1.45	0	< 1.43	0	0	< 1.48	< 0.5	
	ug/kg	Toxaphene		< 14.88					< 1.45		< 1.43			< 1.48		
METALS	mg/kg	Ag (silver)														
	mg/kg	Al (aluminum)														
	mg/kg	As (arsenic)	0	< 0.76		< 0.6	0.57	0	< 0.72	0	1.4	0	0	1.1	13	0.38
	mg/kg	B (boron)														
	mg/kg	Ba (barium)	30					30		40		20	30			
	mg/kg	Be (beryllium)														
	mg/kg	Cd (cadmium)	< 10	< 1.2	0.812	1	< 0.1	< 10	< 1.1	< 10	< 1.1	< 10	< 10	< 1.1	1.1	< 0.1
	mg/kg	Cr (chromium)	< 10	5	28.3	7	7.7	10	5.2	< 10	7	< 10	< 10	5.5	26	5.9
	mg/kg	Cu (copper)	< 10	4.3	7.44	7	19.8	< 10	11.2	< 10	10.9	< 10	< 10	7	13	5.7
	mg/kg	Fe (iron)	1800		8930			1900		2300		2800	2900		21000	
	mg/kg	Hg (mercury)	0	< 0.13	< 0.01	0.9	0.059	0	< 0.12	0	< 0.12	0	0	< 0.12		0.031
	mg/kg	Mg (magnesium)														
	mg/kg	Mn (manganese)	180	375				220	267	300	324	240	190	315		
	mg/kg	Mo (molybdenum)														
	mg/kg	Ni (nickel)	< 10	8.3	23.7	5		< 10	5.7	10	9.2	< 10	< 10	8.4	23	
	mg/kg	Pb (lead)	< 10	1.6	3.82	< 10	< 0.1	< 10	0.86	< 10	2.7	< 10	< 10	0.6	17	< 0.1
	mg/kg	Sb (antimony)														
	mg/kg	Se (selenium)		< 0.88					< 0.84		< 0.85			< 0.87		
	mg/kg	Sn (tin)														
	mg/kg	Sr (strontium)														
	mg/kg	Ti (titanium)														
	mg/kg	Zn (zinc)	6.3	15.2	37.3	30	21.1	8.2	16	9.9	16.6	10	10	15.3	55	19
	mg/kg	V (vanadium)														
PCBS	ug/kg	Aroclor-1006		< 14.88					< 1.45		< 1.43			< 1.48		
	ug/kg	Aroclor-1221		< 14.88					< 1.45		< 1.43			< 1.48		
	ug/kg	Aroclor-1232		< 14.88					< 1.45		< 1.43			< 1.48		
	ug/kg	Aroclor-1242		< 14.88					< 1.45		< 1.43			< 1.48		
	ug/kg	Aroclor-1248		< 14.88					< 1.45		< 1.43			< 1.48		
	ug/kg	Aroclor-1254		< 31					< 3.03		< 2.98			< 3.08		
	ug/kg	Aroclor-1260		< 31					< 3.03		< 2.98			< 3.08		
	ug/kg	Total PCB's	1		1	0	0	0		2		0	0		16	0
PARTICLE SIZE %FINER	SAND coarse	3 in	100		100	100	100	100		100		100	100		100	100
		1 1/2	100		100	100	100	100		100		100	100		100	100
		3/4	100		100	100	100	100		100		100	100		100	100
		3/8	100		100	100	100	95		100		100	100		100	100
		4	100	99.8	95	100	97	88	99.5	97	94.5	100	96	99.0	99	100
		8	100		91	98	94	79		90					99	99
		10		99.1					97.3		85.8	100	79	96.7	98	
	SAND medium	16	96.0	95.3	86.0	94.0	90.0	70.0	90.7	79.0	71.4			91.9	97.0	98.0
		20										91.0	55.0		96.0	
		30		58.7					52.3		34.4			54.5	95.0	
		40	35.0		32.0	34.0	39.0	22.0		22.0		37.0	13.0		93.0	37.0
		50		58.7					52.3		34.4			54.5	90.0	
	SAND fine	70													87.0	
		80		6.5					10.9		1.7	1.0	2.0	3.8	86.0	
		100	0.0	0.3	0.0	1.0	4.0	0.0	0.1	0.0	0.1			0.2	84.0	4.0
		140		0.2												
	SILT CLAY	200	0.0		0.0	0.0	3.0	0.0		0.0		1.0	1.0		67.0	3.0
		270													46.0	
		0.20 mm	0.0		0.0	0.0		0.0		0.0		0.0	0.0		17.0	
		0.05 mm	0.0		0.0	0.0		0.0		0.0		0.0	0.0		5.0	
MISC	%	Total Organic Carb		0.035					0.044		0.045			0.038		
	mg/kg	Chem Oxy Demand	710		1110	1096	4340	930		710		1000	550		82000	2810
	mg/kg	Kjedahl Nitrogen	75			52		4300		450		400	300		1300	
	mg/kg	Total Phosph			589	177						170	230		14000	
	mg/kg	Oil and Grease	0		2130	699	1471	0		0		0	0		18000	973
	mg/kg	Cyanide, Total		< 0.63					< 0.6		< 0.61			< 0.62		
	mg/kg	Ammonia		0.50					< 0.24		0.3			0.37		
	mg/l	Ammonia Elutriate														
	%	Moisture		20.6					16.7		17.8			19.9		
	%	Total Solids		79.4					83.3		82.2			80.1		
	%	Volatile Solids		0.4					0.4		0.5			0.4		

Table 7. Contaminant Data for Pool 5 of the Upper Mississippi River

			Record #	170	171	172	708	173	174	315	316	317	175	451	176	177	178
			River Mile	745.2	745.2	745.2	745.2	745.01	745	745	745	745	744.9	744.9	744.8	744.21	744.2
			Location	FISCHER ISLAND	FISCHER ISLAND	FISCHER ISLAND	R-Upper Weaver Bottoms	FISCHER ISLAND	FISCHER ISLAND	R-Weaver Bottoms	R-Weaver Bottoms	R-Weaver Bottoms	FISCHER ISLAND	LOWER ZUMBRO	R-WEAVER BOTTOMS	LOWER ZUMBRO	LOWER ZUMBRO
			Year	1975	1975	1975	1985	1974	1974	1987	1987	1987	1980	1989	1984	1979	1979
			System	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			Habitat Type	1	1	1	3	1	1	3	3	3	1	1	3	1	1
			Pool	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			Sam. Gear	1	1	1	2	1	1	1	1	1	1	1	1	1	1
			Sam. Depth	10	10	10	10	10	10	10	10	10	10	10	10	10	10
			Data Clt.	COE	COE	COE	FWS	COE	COE	COE	COE	COE	COE	COE	COE	COE	COE
CHC'S	ug/kg		a-BHC				< 10			< 0.1	< 0.1	< 0.1		< 0.07			
	ug/kg		b-BHC				< 10			< 0.1	< 0.1	< 0.1		< 0.15			
	ug/kg		BHC											< 0.22			
	ug/kg		g-BHC (lindane)				< 10			< 0.1	< 0.1	< 0.1		< 0.1			
	ug/kg		Heptachlor				< 10			< 0.1	< 0.1	< 0.1		< 0.07			
	ug/kg		Aldrin											< 0.1			
	ug/kg		Heptachlorepoxide											< 0.12			
	ug/kg		Endosulfan I											< 0.12			
	ug/kg		Dieldrin				< 10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 0.12	< 0.5	0	0
	ug/kg		4,4'-DDE				< 10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 0.1	< 0.5	0	0
	ug/kg		Endrin				< 10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 0.22	< 0.5	0	0
	ug/kg		Endosulfan II											< 0.24			
	ug/kg		4,4'-DDD				< 10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 0.27	< 0.5	0	0
	ug/kg		Endrinaldehyde											< 0.27			
	ug/kg		Sulfan sulfate											< 0.27			
	ug/kg		4,4'-DDT				10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 0.31	< 0.5	0	0
	ug/kg		Methoxychlor											< 0.53			
	ug/kg		Endrinketone											< 0.27			
	ug/kg		Chlordane				< 10	< 10	< 10	< 0.1	< 0.1	< 0.1	0	< 1.45	< 0.5	0	0
	ug/kg		Toxaphene											< 1.45			
METALS	mg/kg		Ag (silver)				< 0.4										
	mg/kg		Al (aluminum)				9700										
	mg/kg		As (arsenic)	0.45	0.41	0.4	< 7	10.9	0.9	8.6	4.6	1.8	0	1.2	13	0	0
	mg/kg		B (boron)				4										
	mg/kg		Ba (barium)				154						30			30	20
	mg/kg		Be (beryllium)				0.69										
	mg/kg		Cd (cadmium)	< 0.1	< 0.1	< 0.1	0.9	< 1	< 1	0.13			< 10	< 1.1	1.3	< 10	< 10
	mg/kg		Cr (chromium)	5.8	4.9	5.9	22	5	5	15	12	12	< 10	7.1	34	< 10	< 10
	mg/kg		Cu (copper)	5.4	6	6.6	20	10	8	6.1	5.6	5.6	< 10	5.8	14	< 10	< 10
	mg/kg		Fe (iron)				19100						1500		38000	2400	2100
	mg/kg		Hg (mercury)	0.029	0.035	0.036	0.08	0.3	0.2	0.026	0.031	0.045	0	< 0.12		0	0
	mg/kg		Mg (magnesium)				4960										
	mg/kg		Mn (manganese)				< 946			1000	960	420	190	245		100	100
	mg/kg		Mo (molybdenum)				2										
	mg/kg		Ni (nickel)				24	5	5	14	11	9.3	< 10	< 5.7	25	< 10	< 10
	mg/kg		Pb (lead)	< 0.1	< 0.1	< 0.1	19	< 10	< 10	14	8.5	9.3	< 10	0.67	19	< 10	< 10
	mg/kg		Sb (antimony)				< 4										
	mg/kg		Se (selenium)				< 10			0.12	0.28	< 0.1		< 0.87			
	mg/kg		Sn (tin)				< 2										
	mg/kg		Sr (strontium)				43.8										
	mg/kg		Ti (titanium)				20										
	mg/kg		Zn (zinc)	16.4	16.2	24.5	69.2	13	13	50	31	25	7.6	31.1	79	10	< 10
	mg/kg		V (vanadium)				< 15										
PCB'S	ug/kg		Arocior-1006											< 1.45			
	ug/kg		Arocior-1221											< 1.45			
	ug/kg		Arocior-1232											< 1.45			
	ug/kg		Arocior-1242											< 1.45			
	ug/kg		Arocior-1248											< 1.45			
	ug/kg		Arocior-1254											< 3.03			
	ug/kg		Arocior-1260											< 3.03			
	ug/kg		Total PCB's	0	0	0	0	0	0	9.7	9.3	25	6		7.6	0	0
PARTICLE SIZE %FINER		SAND coarse	3 in	100	100	100		100	100				100		100	100	100
			1 1/2	100	100	100		100	100				100		100	100	100
			3/4	100	100	100		100	100				100		100	100	100
			3/8	100	100	100		100	100				100		99	100	100
			4	99	100	100		100	100				100	99.5	99	100	100
			8	98	100	100		99	99				99		99		
			10											97.1	98	100	100
		SAND medium	16	95.0	99.0	99.0		97.0	97.0				98.0	88.6	96.0		
			20												95.0	100.0	100.0
			30											49.3	93.0		
			40	40.0	28.0	28.0		71.0	71.0				44.0		91.0	96.0	93.0
			50											49.3	88.0		
		SAND fine	70												85.0		
			80											1.9	84.0	11.0	18.0
			100	1.0	0.0	0.0		0.0	0.0				0.0	0.1	82.0		
			140														
		SILT CLAY	200	0.0	0.0	0.0		0.0	0.0				0.0		72.0	2.0	3.0
			270												53.0		
			0.20 mm	0.0	0.0	0.0		0.0	0.0				0.0		27.0	2.0	2.0
			0.05 mm	0.0	0.0	0.0		0.0	0.0				0.0		14.0	0.0	0.0
MISC	%		Total Organic Carb											0.028			
	mg/kg		Chem Oxy Demand	1274	1103	1226		1278	964				800		56400	1400	1900
	mg/kg		Kjedahl Nitrogen					52	134				30		1600	500	300
	mg/kg		Total Phosph					104	119						14000	180	160
	mg/kg		Oil and Grease	29	15	62		< 6	< 6				0		26000	0	0
	mg/kg		Cyanide, Total											< 0.62			
	mg/kg		Ammonia											0.31			
	mg/l		Ammonia Elutriate														
	%		Moisture											19.6			
	%		Total Solids											80.4			
	%		Volatile Solids											0.3			

Table 7. Contaminant Data for Pool 5 of the Upper Mississippi River

			Record #	452	179	180		181	709	710	182	183	184	185	186
			River Mile	744.2	743.9	743.22	743.1	743	742.8	742.4	741.82	741.81	741.8	741.51	741.5
			Location	SOMERFIELD ISLAND	R-WEAVER BOTTOMS	SOMERFIELD ISLAND	SOMERFIELD ISLAND	SOMERFIELD ISLAND	R-Lower Weaver Bottoms	L-Behind Is N&W Spring Lk	MOUNT VERNON LIGHT	MOUNT VERNON LIGHT	MOUNT VERNON LIGHT	MOUNT VERNON LIGHT	MOUNT VERNON LIGHT
			Year	1989	1984	1974	1994	1980	1985	1985	1978	1978	1978	1979	1979
			System	1	1	1	1	1	1	1	1	1	1	1	1
			Habitat Type	1	3	1	1	1	3	3	1	1	1	1	1
			Pool	5	5	5	5	5	5	5	5	5	5	5	5
			Sam. Gear	1	1	1	1	1	2	2	1	1	1	1	1
			Sam. Depth	10	10	10	10	10	10	10	10	10	10	10	10
			Data Cit.	COE	COE	COE	COE	COE	FWS	FWS	COE	COE	COE	COE	COE
CHC'S	ug/kg		a-BHC	< 0.07			< 0.25		< 10	< 10					
	ug/kg		b-BHC	< 0.14			< 0.25		< 10	< 10					
	ug/kg		BHC	< 0.22			< 0.25								
	ug/kg		g-BHC (lindane)	< 0.1			< 0.25		< 10	< 10					
	ug/kg		Heptachlor	< 0.07			< 0.25		< 10	< 10					
	ug/kg		Aldrin	< 0.1											
	ug/kg		Heptachlorepoxide	< 0.12											
	ug/kg		Endosulfan I	< 0.12											
	ug/kg		Dieldrin	< 0.12	< 0.5	< 10	< 0.5	< 0.2	< 10	< 10	0	0	0	0	0
	ug/kg		4,4'-DDE	< 0.1	< 0.5	10	< 0.5	< 0.2	< 10	< 10	0	0	0	0	0
	ug/kg		Endrin	< 0.22	< 0.5	< 10	< 0.5	< 0.2	< 10	< 10	0	0	0	0	0
	ug/kg		Endosulfan II	< 0.24											
	ug/kg		4,4'-DDD	< 0.26	< 0.5	< 10	< 0.5	< 0.2	< 10	< 10	0	0	0	0	0
	ug/kg		Endrinaldehyde	< 0.26											
	ug/kg		Sulfan sulfate	< 0.26											
	ug/kg		4,4'-DDT	< 0.31	< 0.5	< 10	< 0.5	< 0.4	< 10	< 10	0	0	0	0	0
	ug/kg		Methoxychlor	< 0.53											
	ug/kg		Endrinketone	< 0.26											
	ug/kg		Chlorodane	< 1.44	< 0.5	< 10	< 0.25	< 0.4	< 10	< 10	0	0	0	0	0
	ug/kg		Toxaphene	< 1.44											
METALS	mg/kg		Ag (silver)						< 0.4	< 0.4					
	mg/kg		Al (aluminum)						9020	10500					
	mg/kg		As (arsenic)	2.1	11	< 0.6	0.83		< 7	< 7	0		0	0	0
	mg/kg		B (boron)						4	5					
	mg/kg		Ba (barium)						148	139	10		30	30	40
	mg/kg		Be (beryllium)						0.62	0.57					
	mg/kg		Cd (cadmium)	< 1.1	2	< 0.7	0.39	1.43	< 0.3	0.6	< 10		< 10	< 10	< 10
	mg/kg		Cr (chromium)	7.5	24	33	4.6	28	19	29	< 10		< 10	< 10	< 10
	mg/kg		Cu (copper)	6.9	12	5	2.1	4.48	11	22	< 10		< 10	< 10	< 10
	mg/kg		Fe (iron)		18000			14100	21800	21800	1800		3200	3900	2800
	mg/kg		Hg (mercury)	< 0.12		0.4	< 0.05	< 0.01	0.05	0.05	0		0.75	0	0
	mg/kg		Mg (magnesium)						4140	4390					
	mg/kg		Mn (manganese)	477			170		< 1020	< 825	170		270	290	200
	mg/kg		Mo (molybdenum)						3	2					
	mg/kg		Ni (nickel)	7.4	20	26	3.9	22.6	18	20	20		< 10	< 10	< 10
	mg/kg		Pb (lead)	1.3	20	< 7	1.6	0.12	14	21	< 10		< 10	< 10	< 10
	mg/kg		Sb (antimony)						< 4	< 4					
	mg/kg		Se (selenium)	< 0.87					< 10	< 10					
	mg/kg		Sn (tin)						< 2	< 2					
	mg/kg		Sr (strontium)						26.9	28.5					
	mg/kg		Ti (titanium)						20	20					
	mg/kg		Zn (zinc)	19	48	13	10.1	75.4	61.5	83.2	4		< 10	10	10
	mg/kg		V (vanadium)						< 12	< 23					
PCB'S	ug/kg		Aroclor-1006	< 1.44			< 5								
	ug/kg		Aroclor-1221	< 1.44			< 5								
	ug/kg		Aroclor-1232	< 1.44			< 5								
	ug/kg		Aroclor-1242	< 1.44			< 5								
	ug/kg		Aroclor-1248	< 1.44			< 5								
	ug/kg		Aroclor-1254	< 3			< 5								
	ug/kg		Aroclor-1260	< 3			< 5								
	ug/kg		Total PCB's		14	0		0	0	0	0	0	6	0	3
PARTICLE SIZE %FINER		SAND coarse	3 in		100	100		100			100	100	100	100	100
			1 1/2		100	100		100			100	100	100	100	100
			3/4		100	100		100			100	100	100	100	100
			3/8		99	100		100			98	100	100	100	100
			4	99.7	99	100		100			97	100	97	100	100
			8		99	100		99							
			10	97.9	99		100				97	100	93	97	96
		SAND medium	16	88.9	98.0	100		94.0							
			20		98.0		98.5				94.0	95.0	80.0	89.0	78.0
			30	45.4	98.0										
			40		98.0	88.0	78.5	62.0			72.0	64.0	41.0	69.0	33.0
			50	45.4	97.0										
		SAND fine	70		97.0										
			80	5.3	97.0						5.0	4.0	10.0	10.0	3.0
			100	0.2	96.0	2.0	1.8	7.0							
			140				0.6								
		SILT CLAY	200		87.0	0.0	0.4	4.0			1.0	1.0	8.0	5.0	2.0
			270		69.0										
			0.20 mm		40.0	0.0		0.0			0.0	0.0	2.0	1.0	2.0
			0.05 mm		27.0	0.0		0.0			0.0	0.0	0.0	0.0	1.0
MISC	%		Total Organic Carb	0.088			0.027								
	mg/kg		Chem Oxy Demand		41600	1397		1170			2000		8100	7300	2100
	mg/kg		Kjedahl Nitrogen		2300	109					490		1000	2100	300
	mg/kg		Total Phosph		14000	142		684			150		100	200	220
	mg/kg		Oil and Grease		36000	530		180			0	0	0	0	0
	mg/kg		Cyanide, Total	< 0.62			< 0.06								
	mg/kg		Ammonia	0.87											
	mg/l		Ammonia Elutriate				< 0.06								
	%		Moisture	19.8			22.7								
	%		Total Solids	80.2			77.3								
	%		Volatile Solids	0.6			0.76								